

APPENDIX B1

Table Showing Sample Numbers, Locations, and ICP-AES Analytical Results

Sample Number (and footage, if applicable)	County	Latitude	Longitude	Description	Mass	Type	Stratigraphic Interval	UWGB Shipment #
06-BN-1b	Brown	44.4255	-88.167	Lower Platteville - burrowed	0.668	BULK	SINNIPEE	4
06-BN-1b-2	Brown	44.4255	-88.167	Ebben Quarry; Fe-sulfides in dolostone	0.18	CONCENTRATE	SINNIPEE	5
06-BN-2	Brown	44.4428	-88.1773	Hard Ground (Galena Fm.)	0.922	BULK	SINNIPEE	4
07-BN-CHR-1	Brown	44.559566	-87.870671	Base of Mayville	1.372	BULK	SILURIAN	4
07-BN-CHR-2	Brown	44.559566	-87.870671	Base of Mayville Dolomite with PO ₄ Nodules & FeS ₂	0.763	CONCENTRATE	SILURIAN	5
07-BN-CHR-3	Brown	44.559566	-87.870671	Church Road Quarry - Top of Maquoketa; typical with some sulfides Dolomite with possible barite/celestite and Fe S ₂ from lower wall of quarry	0.701	BULK	MAQ-NEDA	4
07-BN-LQ-1	Brown	44.431934	-88.128334	Bulk Chemistry Sample at WP 107	0.96	BULK	SINNIPEE	3
07-BN-LQ-2	Brown	44.431746	-88.130162	Fe-sulfides and calcite from large mineralized joint face	0.305	CONCENTRATE	SINNIPEE	2
07-BN-LQ-3	Brown	44.431623	-88.130416	Dolostone below mineralized hardground on upper level of quarry (WP110)	0.754	BULK	SINNIPEE	3
07-BN-LQ-4	Brown	44.432179	-88.127019	Dolostone below mineralized hardground on upper level of quarry (WP110) Duplicate sample	0.782	BULK	SINNIPEE	4
07-BN-LQ-5	Brown	44.432185	-88.127016	Mineralized hardground on upper level of quarry (WP 110)	0.993	BULK	SINNIPEE	3
08-BN-CHR-4	Brown	44.559566	-87.870671	Fe-sulfide burrows in Maquoketa	0.145	CONCENTRATE	MAQ-NEDA	5
08-BN-CHR-5	Brown	44.559735	-87.870246	Top of Cherty zone - ~25 feet above Maquoketa-Mayville Contact	0.734	BULK	SILURIAN	5
08-BN-CHR-6	Brown	44.559689	-87.870484	Above Cherty zone - ~30 feet above Maquoketa-Mayville Contact	0.781	BULK	SILURIAN	5
08-BN-CHR-7	Brown	44.557032	-87.870551	Top of Quarry - Glacially striated dolostone	1.018	BULK	SILURIAN	5
08-BN-EAT-31SE-1	Brown	44.418660	-87.869933	Gray fine grained dolomite - base of Burnt Bluff Group	0.507	BULK	SILURIAN	8
08-BN-EAT-31SE-2	Brown	44.418660	-87.869933	Gray fine grained dolomite, burrowed - base of Burnt Bluff Group	0.783	BULK	SILURIAN	8
08-BN-EAT-31SE-6	Brown	44.419090	-87.870478	Vuggy, tan coarse grained cherty dolostone (Byron)	0.712	BULK	SILURIAN	8
08-BN-FON-2	Brown	44.427000	-87.938600	1.5 feet above base of Mayville	0.900	BULK	SILURIAN	7
08-BN-FON-3	Brown	44.427000	-87.938600	12 feet above base of Mayville	0.924	BULK	SILURIAN	7
08-BN-FON-5	Brown	44.426600	-87.938500	50 feet above base of Mayville	0.670	BULK	SILURIAN	7
08-BN-Fonferrek-1	Brown	44.427000	-87.938600	Top of Maquoketa	0.846	BULK	MAQ-NEDA	4
08-BN-GLN-2C-1	Brown	44.409248	-87.919454	Coarsely crystalline tan dolostone - Mayville?	0.478	BULK	SILURIAN	8
08-BN-GLN-6NE-1	Brown	44.5962	-87.848	Light gray-buff dolomite - Mayville Formation from top of quarry (20 feet from base of quarry)	0.850	BULK	SILURIAN	8
08-BN-HUM-12SW-1	Brown	44.479010	-87.782881	Gray medium grained dolostone - Engadine?	0.757	BULK	SILURIAN	8
08-BN-HUM-26N-1a	Brown	44.528339	-87.794328	Gray coarse grained dolostone - Burnt Bluff Group - Representative Sample	0.546	BULK	SILURIAN	8
08-BN-KF-1x	Brown	44.423786	-87.969738	Green-gray carbonate with black grains and weathered FeS ₂ mineralization	0.759	BULK	MAQ-NEDA	7
08-BN-KF-3	Brown	44.423786	-87.969738	Light gray-buff vuggy dolostone, some FeS ₂ ; 2 feet above base of Mayville	0.760	BULK	SILURIAN	7
08-BN-MOR-7NE-3	Brown	44.313259	-87.990859	Coarsely crystalline Burnt Bluff Group - Representative Sample	1.157	BULK	SILURIAN	8
08-BN-MOR-NE18-1	Brown	44.294985	-87.991538	Burnt Bluff Group - Representative Sample	0.471	BULK	SILURIAN	8
08-BN-ND-36SE-4	Brown	44.3317	-87.7756	Vuggy gray dolomite with white cements - unusual lithology Burnt Bluff??	0.502	BULK	SILURIAN	8
08-BN-ULM-1a	Brown	44.423214	-87.953825	Bulk Sample (Representative)	0.952	BULK	MAQ-NEDA	7
08-BN-ULM-1b	Brown	44.423214	-87.953825	Bulk Sample (Representative)	0.916	BULK	MAQ-NEDA	7
08-BN-ULM-1c	Brown	44.423214	-87.953825	Bulk Sample (Representative)	0.441	BULK	MAQ-NEDA	7
08-BN-ULM-2	Brown	44.425297	-87.954292	Argillaceous FeS ₂ -rich layer above Neda Formation	0.750	BULK	MAQ-NEDA	8
08-BN-ULM-3	Brown	44.426263	-87.956227	Semi Concentrate of Dark gray-purple dolostone with some FeS ₂ , malachite	1.214	CONCENTRATE	SILURIAN	7
08-BN-ULM-4	Brown	44.424839	-87.959595	Black sandstone from trench	0.602	BULK	MAQ-NEDA	7
08-BN-ULM-5	Brown	44.424839	-87.959595	Loose black sand from trench	0.476	BULK	MAQ-NEDA	7

APPENDIX B1

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Sample Number (and footage, if applicable)	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
06-BN-1b	<0.2	0.15	6	10	<10	<0.5	<2	18.8	<0.5	1	5	5	0.42	<10	<1	0.09	<10
06-BN-1b-2	<0.2	0.03	104	<10	10	<0.5	<2	17.2	<0.5	<1	1	2	3.89	<10	1	0.01	<10
06-BN-2	<0.2	0.22	14	10	<10	<0.5	<2	19.8	<0.5	6	4	10	1.17	<10	<1	0.13	10
07-BN-CHR-1	<0.2	0.05	3	<10	<10	<0.5	<2	20.1	<0.5	<1	2	5	0.36	<10	<1	0.03	<10
07-BN-CHR-2	<0.2	0.15	29	<10	10	<0.5	<2	12.45	<0.5	<1	8	26	2.5	<10	1	0.08	<10
07-BN-CHR-3	<0.2	0.49	18	10	10	<0.5	<2	17	<0.5	3	5	18	1.51	<10	<1	0.22	10
07-BN-LQ-1	<0.2	0.04	<2	<10	<10	<0.5	<2	18.6	<0.5	<1	<1	<1	0.38	<10	<1	0.03	<10
07-BN-LQ-2	<0.2	0.09	3	<10	<10	<0.5	<2	18.5	<0.5	<1	2	1	0.41	<10	<1	0.06	<10
07-BN-LQ-3	<0.2	0.03	14	<10	10	<0.5	<2	22.4	<0.5	3	1	3	6.81	<10	<1	0.02	<10
07-BN-LQ-4	<0.2	0.38	<2	20	<10	<0.5	<2	15.3	<0.5	1	7	2	0.7	<10	<1	0.25	10
07-BN-LQ-4	<0.2	0.37	8	20	10	<0.5	<2	17.2	<0.5	3	9	40	0.71	<10	<1	0.22	10
07-BN-LQ-5	<0.2	0.18	32	10	<10	<0.5	<2	17.6	<0.5	9	3	9	2.51	<10	<1	0.11	10
08-BN-CHR-4	<0.2	0.38	16	10	10	<0.5	<2	13	<0.5	5	5	29	4.11	<10	1	0.19	<10
08-BN-CHR-5	<0.2	0.08	2	<10	<10	<0.5	<2	17.2	<0.5	<1	3	3	0.22	<10	1	0.05	<10
08-BN-CHR-6	<0.2	0.06	<2	<10	<10	<0.5	<2	18	<0.5	<1	2	2	0.16	<10	<1	0.03	<10
08-BN-CHR-7	<0.2	0.11	<2	<10	<10	<0.5	<2	17.5	<0.5	1	3	2	0.28	<10	1	0.06	<10
08-BN-EAT-31SE-1	<0.2	0.09	4	10	<10	<0.5	<2	17.6	<0.5	1	4	2	0.25	<10	<1	0.05	<10
08-BN-EAT-31SE-2	<0.2	0.09	7	10	<10	<0.5	<2	17.5	<0.5	1	3	2	0.31	<10	<1	0.06	<10
08-BN-EAT-31SE-6	<0.2	0.03	4	<10	10	<0.5	<2	16.2	<0.5	1	1	1	0.3	<10	<1	0.02	<10
08-BN-FON-2	0.2	0.05	3	<10	<10	<0.5	<2	19.4	<0.5	1	2	14	0.25	<10	<1	0.03	<10
08-BN-FON-3	<0.2	0.04	5	<10	<10	<0.5	<2	18.1	<0.5	1	2	5	0.2	<10	<1	0.03	<10
08-BN-FON-5	<0.2	0.06	4	<10	<10	<0.5	<2	18.7	<0.5	1	3	4	0.17	<10	<1	0.04	<10
08-BN-Fonferrek-1	<0.2	0.45	55	20	10	<0.5	<2	15.8	<0.5	5	6	48	4.97	<10	<1	0.21	10
08-BN-GLN-2C-1	<0.2	0.02	<2	<10	<10	<0.5	<2	18.5	<0.5	<1	1	1	0.06	<10	<1	0.01	<10
08-BN-GLN-6NE-1	<0.2	0.05	5	<10	<10	<0.5	<2	17.8	<0.5	1	2	2	0.14	<10	1	0.03	<10
08-BN-HUM-12SW-1	<0.2	0.05	6	10	<10	<0.5	<2	17.6	<0.5	1	2	2	0.12	<10	<1	0.03	<10
08-BN-HUM-26N-1a	<0.2	0.03	2	10	<10	<0.5	<2	17.9	<0.5	<1	1	1	0.08	<10	<1	0.03	<10
08-BN-KF-1x	<0.2	0.76	167	10	20	0.7	2	11.05	<0.5	70	14	137	8.52	<10	<1	0.21	30
08-BN-KF-3	<0.2	0.03	6	<10	<10	<0.5	<2	18.4	<0.5	1	2	3	0.34	<10	<1	0.02	<10
08-BN-MOR-7NE-3	<0.2	0.05	<2	<10	<10	<0.5	<2	17.8	<0.5	1	1	1	0.08	<10	<1	0.03	<10
08-BN-MOR-NE18-1	<0.2	0.05	5	10	<10	<0.5	<2	18	<0.5	1	2	1	0.12	<10	<1	0.03	<10
08-BN-ND-36SE-4	<0.2	0.03	7	<10	<10	<0.5	<2	18.2	<0.5	1	1	1	0.11	<10	<1	0.02	<10
08-BN-ULM-1a	<0.2	0.38	199	10	40	<0.5	<2	12.3	<0.5	7	5	40	7.52	<10	<1	0.17	10
08-BN-ULM-1b	<0.2	0.4	132	20	10	0.5	<2	10.2	<0.5	35	11	89	16.3	<10	<1	0.25	20
08-BN-ULM-1c	<0.2	1.48	95	70	10	4.4	<2	6.1	<0.5	13	35	12	24.1	<10	<1	0.32	60
08-BN-ULM-2	0.2	0.43	387	10	30	0.5	<2	10.95	<0.5	22	13	91	17.2	<10	1	0.21	20
08-BN-ULM-3	<0.2	0.76	39	20	20	1.4	<2	10.05	<0.5	15	38	18	11.8	<10	<1	0.24	40
08-BN-ULM-4	<0.2	0.04	47	<10	<10	<0.5	<2	12.65	<0.5	1	3	286	2.27	<10	<1	0.02	<10
08-BN-ULM-5	<0.2	0.33	190	40	10	<0.5	<2	2.2	<0.5	8	13	113	24.9	<10	<1	0.22	10

APPENDIX B1

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Sample Number (and footage, if applicable)	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06-BN-1b	11.3	303	<1	0.04	3	150	14	<0.01	<2	1	80	<20	<0.01	<10	<10	6	<10	3
06-BN-1b-2	11.2	309	<1	0.04	9	40	25	4.95	<2	<1	39	<20	<0.01	<10	<10	3	<10	<2
06-BN-2	11.7	403	1	0.05	6	2380	10	1.2	<2	1	123	<20	<0.01	<10	<10	5	<10	4
07-BN-CHR-1	12.3	130	1	0.04	1	40	4	<0.01	<2	<1	101	<20	<0.01	<10	<10	3	<10	5
07-BN-CHR-2	7.62	108	6	0.06	12	2760	32	2.83	2	1	84	<20	<0.01	<10	<10	7	<10	6
07-BN-CHR-3	10.45	135	4	0.05	9	370	21	1.75	<2	1	163	<20	<0.01	<10	<10	8	<10	11
07-BN-LQ-1	11.65	370	<1	0.03	2	150	<2	<0.01	<2	<1	59	<20	<0.01	<10	<10	<1	<10	<2
07-BN-LQ-2	11.45	337	1	0.04	<1	470	3	<0.01	<2	1	79	<20	<0.01	<10	<10	1	<10	<2
07-BN-LQ-3	5.54	1080	<1	0.02	24	80	21	9.2	2	1	731	<20	<0.01	<10	<10	8	<10	<2
07-BN-LQ-4	9.38	306	<1	0.03	1	660	5	0.47	<2	2	100	<20	<0.01	<10	<10	5	<10	2
07-BN-LQ-4	10.35	376	<1	0.04	16	820	9	0.45	<2	2	118	<20	<0.01	<10	<10	8	<10	15
07-BN-LQ-5	10.3	348	2	0.04	16	3410	18	2.9	<2	1	189	<20	<0.01	<10	<10	3	<10	2
08-BN-CHR-4	8.43	130	1	0.05	10	540	78	5	<2	1	61	<20	<0.01	<10	<10	7	<10	10
08-BN-CHR-5	11.55	50	<1	0.04	<1	50	2	<0.01	<2	<1	54	<20	<0.01	<10	<10	3	<10	<2
08-BN-CHR-6	12	46	<1	0.04	<1	30	2	<0.01	<2	<1	60	<20	<0.01	<10	<10	2	<10	<2
08-BN-CHR-7	11.7	68	<1	0.04	1	50	5	<0.01	<2	<1	56	<20	<0.01	<10	<10	4	<10	3
08-BN-EAT-31SE-1	11.55	41	<1	0.02	<1	40	9	<0.01	<2	1	45	<20	<0.01	<10	<10	3	<10	3
08-BN-EAT-31SE-2	11.55	40	<1	0.02	1	40	11	<0.01	<2	1	45	<20	<0.01	<10	<10	3	<10	2
08-BN-EAT-31SE-6	10.75	43	<1	0.02	<1	20	7	<0.01	<2	<1	33	<20	<0.01	<10	<10	1	<10	<2
08-BN-FON-2	12.15	85	2	0.03	1	50	4	<0.01	<2	<1	41	<20	<0.01	<10	<10	2	<10	<2
08-BN-FON-3	11.65	61	<1	0.04	1	20	5	<0.01	<2	<1	42	<20	<0.01	<10	<10	2	<10	<2
08-BN-FON-5	12.15	47	<1	0.04	1	10	7	<0.01	<2	1	46	<20	<0.01	<10	<10	2	<10	<2
08-BN-Fonferek-1	9.36	112	4	0.05	15	530	35	7.8	<2	1	57	<20	<0.01	<10	<10	14	<10	18
08-BN-GLN-2C-1	12.25	42	<1	0.03	<1	30	2	<0.01	<2	<1	53	<20	<0.01	<10	<10	<1	<10	<2
08-BN-GLN-6NE-1	11.95	46	<1	0.02	<1	40	5	<0.01	<2	<1	36	<20	<0.01	<10	<10	1	<10	<2
08-BN-HUM-12SW-1	11.75	64	<1	0.02	<1	20	4	<0.01	<2	<1	56	<20	<0.01	<10	<10	1	<10	<2
08-BN-HUM-26N-1a	11.95	54	<1	0.05	<1	20	<2	<0.01	<2	<1	92	<20	<0.01	<10	<10	<1	<10	<2
08-BN-KF-1x	7.38	174	1	0.07	73	5880	86	8.84	<2	5	94	<20	0.01	<10	<10	80	<10	19
08-BN-KF-3	11.75	73	<1	0.02	1	50	5	<0.01	<2	<1	40	<20	<0.01	<10	<10	2	<10	<2
08-BN-MOR-7NE-3	11.95	52	<1	0.04	<1	20	<2	<0.01	<2	<1	74	<20	<0.01	<10	<10	1	<10	<2
08-BN-MOR-NE18-1	12	61	<1	0.04	<1	30	<2	<0.01	<2	<1	65	<20	<0.01	<10	<10	1	<10	6
08-BN-ND-36SE-4	12.15	61	<1	0.05	<1	20	2	<0.01	<2	<1	68	<20	<0.01	<10	<10	1	<10	<2
08-BN-ULM-1a	8.68	107	2	0.05	12	1120	95	9.45	<2	1	64	<20	<0.01	<10	<10	13	<10	14
08-BN-ULM-1b	5.72	68	1	0.08	33	7690	50	19.15	<2	6	103	<20	<0.01	10	<10	88	<10	4
08-BN-ULM-1c	3.46	498	<1	0.1	24	8740	50	0.16	<2	10	115	20	0.11	10	<10	255	10	34
08-BN-ULM-2	5.68	111	4	0.06	40	7330	100	17.5	<2	4	129	<20	0.01	<10	<10	69	<10	39
08-BN-ULM-3	6.49	669	<1	0.1	25	8700	30	5.1	<2	19	111	20	0.04	<10	<10	353	<10	9
08-BN-ULM-4	10.45	123	1	0.04	3	160	12	2.8	<2	<1	47	<20	<0.01	<10	<10	4	<10	3
08-BN-ULM-5	0.23	<5	<1	0.04	24	1080	241	38.9	<2	2	32	<20	0.01	10	<10	103	<10	<2

APPENDIX B1

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08-BN-ULM-7	Brown	44.423722	-87.958026	Tan crystalline dolostone with FeS ₂ and black grains; some green shale	2.376	BULK	MAQ-NEDA	7
08-BN-ULM-7b	Brown	44.423722	-87.958026	Tan crystalline dolostone with FeS ₂ and black grains; some green shale	1.127	BULK	MAQ-NEDA	7
08-BN-ULM-8	Brown	44.423722	-87.958026	Purple-gray dolomite with some FeS ₂ & malachite	2.430	BULK	SILURIAN	7
08-BN-ULM-9 @ 1.5m	Brown	44.423722	-87.958026	Gray dolostone	1.080	BULK	SILURIAN	7
08-BN-Wequiock-1	Brown	44.569	-87.8799	FeS ₂ in Dolomite/Chert; Overlimit on Fe & S	0.254	CONCENTRATE	MAQ-NEDA	5
08-BN-WRI-11NE-2	Brown	44.309866	-88.031608	White coarsely crystalline dolostone - Burnt Bluff Group	1.361	BULK	SILURIAN	8
GB#10 CORE ~197	Brown	44.5503	-88.0458	~197 (1 foot segment with stromatolites) Top of Shakopee	0.784	BULK	PDC	6
GB#10 CORE 100.0-100.4	Brown	44.5503	-88.0458	100.0-100.4 Argillaceous dolomite and shale	0.308	BULK	SINNIPEE	6
GB#10 CORE 103.4-103.8	Brown	44.5503	-88.0458	103.4-103.8 Argillaceous dolomite and shale	3.120	BULK	SINNIPEE	6
GB#10 CORE 107.5-108.0	Brown	44.5503	-88.0458	107.5-108.0 Argillaceous dolomite and shale	0.271	BULK	SINNIPEE	6
GB#10 CORE 113.5-114.0	Brown	44.5503	-88.0458	113.5-114.0 Argillaceous dolomite and shale	0.358	BULK	SINNIPEE	6
GB#10 CORE 119.5-120.0	Brown	44.5503	-88.0458	119.5-120.0 Argillaceous dolomite and shale	0.401	BULK	SINNIPEE	6
GB#10 CORE 125.5-126.0	Brown	44.5503	-88.0458	125.5-126.0 Argillaceous dolomite and shale	0.467	BULK	SINNIPEE	6
GB#10 CORE 129.6-129.9	Brown	44.5503	-88.0458	129.6-129.9 Argillaceous dolomite and shale	0.230	BULK	SINNIPEE	6
GB#10 CORE 135.0-135.5	Brown	44.5503	-88.0458	135.0-135.5 Argillaceous dolomite and shale	0.305	BULK	SINNIPEE	6
GB#10 CORE 139.2-139.7	Brown	44.5503	-88.0458	139.2-139.7 Argillaceous dolomite and shale	0.293	BULK	SINNIPEE	6
GB#10 CORE 147.0-147.5	Brown	44.5503	-88.0458	147.0-147.5 Light brown/buff dolomite	0.287	BULK	SINNIPEE	6
GB#10 CORE 149.6-150.0	Brown	44.5503	-88.0458	149.6-150.0 Light brown/buff dolomite	0.297	BULK	SINNIPEE	6
GB#10 CORE 159.8-160.1	Brown	44.5503	-88.0458	159.8-160.1 Light brown/buff dolomite	0.291	BULK	SINNIPEE	6
GB#10 CORE 171.0-171.7	Brown	44.5503	-88.0458	171.0-171.7 Light brown/buff dolomite	0.472	BULK	SINNIPEE	6
GB#10 CORE 180.3-181.0	Brown	44.5503	-88.0458	180.3-181.0 Light brown/buff dolomite	0.497	BULK	SINNIPEE	6
GB#10 CORE 184.9-185.4	Brown	44.5503	-88.0458	184.9-185.4 Light brown/buff dolomite	0.346	BULK	SINNIPEE	6
GB#10 CORE 211.1-211.8	Brown	44.5503	-88.0458	211.1-211.8 - Prairie du Chien Group	0.600	BULK	PDC	6
GB#10 CORE 230.4-231.0	Brown	44.5503	-88.0458	230.4-231.0 - Prairie du Chien Group	0.476	BULK	PDC	6
GB#10 CORE 239.9-240.4	Brown	44.5503	-88.0458	239.9-240.4 - Prairie du Chien Group	0.252	BULK	PDC	6
GB#10 CORE 240.4-240.8	Brown	44.5503	-88.0458	240.4-240.8 - Prairie du Chien Group	0.288	BULK	PDC	6
GB#10 CORE 244.0-244.4	Brown	44.5503	-88.0458	244.0-244.4 - Prairie du Chien Group	0.293	BULK	PDC	6
GB#10 CORE 249.8-250.2	Brown	44.5503	-88.0458	249.8-250.2 - Prairie du Chien Group	0.351	BULK	PDC	6
GB#10 CORE 254.7-255.0	Brown	44.5503	-88.0458	254.7-255.0 - Prairie du Chien Group	0.237	BULK	PDC	6
GB#10 CORE 265.0-265.3	Brown	44.5503	-88.0458	265.0-265.3 - Prairie du Chien Group	0.293	BULK	PDC	6
GB#10 CORE 274.1-274.6	Brown	44.5503	-88.0458	274.1-274.6 - Prairie du Chien Group	0.363	BULK	PDC	6
GB#10 CORE 285.0-285.9	Brown	44.5503	-88.0458	285.0-285.9 - Prairie du Chien Group	0.566	BULK	PDC	6
GB#10 CORE 295.3-296.1	Brown	44.5503	-88.0458	295.3-296.1 - Prairie du Chien Group	0.560	BULK	PDC	6
GB#10 CORE 305.2-305.9	Brown	44.5503	-88.0458	305.2-305.9 - Prairie du Chien Group	0.383	BULK	PDC	6
GB#10 CORE 314.9-315.3	Brown	44.5503	-88.0458	314.9-315.3 - Prairie du Chien Group	0.286	BULK	PDC	6
GB#10 CORE 330.1-330.7	Brown	44.5503	-88.0458	330.1-330.7 - Prairie du Chien Group	0.427	BULK	PDC	6
GB#10 CORE 344.9-345.6	Brown	44.5503	-88.0458	344.9-345.6 - Prairie du Chien Group	0.496	BULK	PDC	6
GB#10 CORE 353.3-354.0	Brown	44.5503	-88.0458	353.3-354.0 - Prairie du Chien Group	0.520	BULK	PDC	6
GB#10 CORE 364.2-364.9	Brown	44.5503	-88.0458	364.2-364.9 - Prairie du Chien Group	0.499	BULK	PDC	6
GB#10 CORE 369.6-370.4	Brown	44.5503	-88.0458	369.6-370.4 - Prairie du Chien Group	0.503	BULK	PDC	6
GB#10 CORE 378.0-378.5	Brown	44.5503	-88.0458	378.0-378.5 - Prairie du Chien Group	0.364	BULK	PDC	6
GB#10 CORE 385.0-385.5	Brown	44.5503	-88.0458	385.0-385.5 - Prairie du Chien Group	0.361	BULK	PDC	6
GB#10 CORE 395.5-396.0	Brown	44.5503	-88.0458	395.5-396.0 - Prairie du Chien Group	0.465	BULK	PDC	6
GB#10 CORE 405.8-406.3	Brown	44.5503	-88.0458	405.8-406.3 - Prairie du Chien Group	0.490	BULK	PDC	6
GB#10 CORE 415.0-415.6	Brown	44.5503	-88.0458	415.0-415.6 - Prairie du Chien Group	0.358	BULK	PDC	6

APPENDIX B1

Table Showing Sample Numbers, Locations, and ICP-AES Analytical Results

Sample Number (and footage, if applicable)	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
08-BN-ULM-7	<0.2	0.37	175	10	10	<0.5	<2	11.1	<0.5	15	7	79	11.25	<10	<1	0.18	10
08-BN-ULM-7b	<0.2	0.56	316	10	10	<0.5	<2	5.01	<0.5	39	10	352	23.5	<10	<1	0.27	10
08-BN-ULM-8	<0.2	0.04	47	<10	<10	<0.5	<2	18.7	<0.5	3	2	17	2.83	<10	<1	0.02	<10
08-BN-ULM-9 @ 1.5m	<0.2	0.07	7	<10	<10	<0.5	<2	14.15	<0.5	2	3	4	0.33	<10	<1	0.05	<10
08-BN-Wequiock-1	<0.2	0.14	47	<10	10	<0.5	2	1.54	<0.5	4	5	56	5.78	<10	1	0.07	<10
08-BN-WRI-11NE-2	<0.2	0.04	2	<10	<10	<0.5	<2	18.3	<0.5	<1	1	<1	0.06	<10	<1	0.03	<10
GB#10 CORE ~197	0.3	0.08	6	10	<10	<0.5	<2	20.1	<0.5	2	3	15	1.18	<10	<1	0.05	10
GB#10 CORE 100.0-100.4	<0.2	0.58	7	30	10	0.5	<2	16	<0.5	2	10	9	0.73	<10	<1	0.38	10
GB#10 CORE 103.4-103.8	0.2	0.73	6	30	10	0.6	<2	13.1	<0.5	4	12	6	0.92	<10	<1	0.5	10
GB#10 CORE 107.5-108.0	<0.2	0.16	7	<10	<10	<0.5	<2	16.7	<0.5	2	5	6	0.57	<10	<1	0.1	<10
GB#10 CORE 113.5-114.0	0.2	0.32	<2	10	<10	<0.5	<2	15.8	<0.5	2	7	3	0.64	<10	1	0.21	<10
GB#10 CORE 119.5-120.0	0.2	0.22	9	10	<10	<0.5	<2	16.9	<0.5	2	5	2	0.46	<10	<1	0.14	<10
GB#10 CORE 125.5-126.0	<0.2	0.22	9	10	<10	<0.5	<2	16.3	<0.5	4	4	3	0.86	<10	<1	0.15	<10
GB#10 CORE 129.6-129.9	<0.2	0.35	27	10	<10	<0.5	<2	15.8	<0.5	10	7	8	2.45	<10	<1	0.22	<10
GB#10 CORE 135.0-135.5	<0.2	0.67	6	20	10	0.5	<2	13.6	<0.5	5	12	4	0.93	<10	<1	0.44	10
GB#10 CORE 139.2-139.7	<0.2	0.27	4	10	<10	<0.5	<2	15.9	<0.5	4	8	4	0.74	<10	<1	0.17	10
GB#10 CORE 147.0-147.5	0.2	0.03	9	<10	<10	<0.5	<2	17.8	<0.5	1	1	1	0.92	<10	1	0.02	<10
GB#10 CORE 149.6-150.0	0.2	0.05	7	<10	<10	<0.5	<2	17.8	<0.5	1	2	1	0.61	<10	<1	0.03	<10
GB#10 CORE 159.8-160.1	<0.2	0.03	7	<10	<10	<0.5	<2	20.2	<0.5	<1	2	4	0.3	<10	<1	0.03	<10
GB#10 CORE 171.0-171.7	<0.2	0.14	5	<10	<10	<0.5	<2	19	<0.5	<1	4	3	0.44	<10	<1	0.08	<10
GB#10 CORE 180.3-181.0	<0.2	0.08	5	10	<10	<0.5	<2	18.9	<0.5	<1	5	3	0.53	<10	<1	0.05	<10
GB#10 CORE 184.9-185.4	<0.2	0.09	2	10	<10	<0.5	<2	19.8	<0.5	1	3	2	0.41	<10	<1	0.06	<10
GB#10 CORE 211.1-211.8	<0.2	0.08	5	10	<10	<0.5	<2	20.2	<0.5	1	2	11	0.27	<10	<1	0.06	<10
GB#10 CORE 230.4-231.0	<0.2	0.29	7	10	<10	<0.5	<2	20	<0.5	2	5	12	0.41	<10	<1	0.09	<10
GB#10 CORE 239.9-240.4	0.2	0.2	3	10	<10	<0.5	<2	16.7	<0.5	1	3	12	0.36	<10	<1	0.05	<10
GB#10 CORE 240.4-240.8	0.2	0.36	5	10	<10	<0.5	<2	17.5	<0.5	2	5	27	0.44	<10	<1	0.12	<10
GB#10 CORE 244.0-244.4	0.2	0.04	9	<10	<10	<0.5	<2	16.8	<0.5	2	2	6	0.3	<10	<1	0.03	<10
GB#10 CORE 249.8-250.2	<0.2	0.24	9	<10	<10	<0.5	<2	15.7	<0.5	3	4	23	0.42	<10	<1	0.08	10
GB#10 CORE 254.7-255.0	0.3	0.23	6	<10	<10	<0.5	<2	16.7	<0.5	3	4	8	0.31	<10	<1	0.04	<10
GB#10 CORE 265.0-265.3	0.4	0.4	5	<10	<10	<0.5	<2	14.8	<0.5	2	6	9	0.32	<10	<1	0.06	<10
GB#10 CORE 274.1-274.6	0.2	0.35	8	<10	<10	<0.5	<2	15.6	<0.5	1	4	4	0.31	<10	<1	0.03	<10
GB#10 CORE 285.0-285.9	0.7	0.5	9	<10	<10	<0.5	<2	16.7	<0.5	2	7	2	0.33	<10	<1	0.07	<10
GB#10 CORE 295.3-296.1	0.4	0.46	5	<10	<10	<0.5	<2	16.4	<0.5	3	5	9	0.38	<10	<1	0.02	<10
GB#10 CORE 305.2-305.9	<0.2	0.55	10	<10	<10	<0.5	<2	12.4	<0.5	2	6	4	0.48	<10	<1	0.05	<10
GB#10 CORE 314.9-315.3	<0.2	0.02	5	<10	<10	<0.5	<2	18.5	<0.5	1	1	2	0.39	<10	<1	0.02	<10
GB#10 CORE 330.1-330.7	0.2	0.02	8	<10	<10	<0.5	<2	18.1	<0.5	2	1	5	0.3	<10	1	0.01	<10
GB#10 CORE 344.9-345.6	0.4	0.02	13	<10	<10	<0.5	<2	17.2	<0.5	2	2	7	0.57	<10	<1	0.01	<10
GB#10 CORE 353.3-354.0	0.2	0.02	8	<10	<10	<0.5	<2	17.5	<0.5	3	2	3	0.36	<10	<1	0.01	<10
GB#10 CORE 364.2-364.9	0.4	0.17	13	<10	10	<0.5	<2	15.9	<0.5	1	5	1	0.47	<10	<1	0.06	<10
GB#10 CORE 369.6-370.4	0.3	0.21	5	<10	10	<0.5	<2	17.1	<0.5	1	5	5	0.24	<10	1	0.02	<10
GB#10 CORE 378.0-378.5	<0.2	0.15	6	<10	20	<0.5	<2	17.8	<0.5	2	3	6	0.19	<10	1	0.02	<10
GB#10 CORE 385.0-385.5	0.5	0.26	8	<10	10	<0.5	2	17.1	<0.5	1	3	8	0.28	<10	<1	0.02	<10
GB#10 CORE 395.5-396.0	0.5	0.34	9	<10	10	<0.5	<2	17.2	<0.5	2	3	1	0.47	<10	<1	0.02	<10
GB#10 CORE 405.8-406.3	0.3	0.09	9	<10	<10	<0.5	<2	16	<0.5	2	3	5	0.4	<10	<1	0.03	<10
GB#10 CORE 415.0-415.6	0.2	0.09	13	<10	<10	<0.5	<2	16.2	<0.5	1	3	2	0.42	<10	<1	0.03	<10

APPENDIX B1

Table Showing Sample Numbers, Locations, and ICP-AES Analytical Results

Sample Number (and footage, if applicable)	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
08-BN-ULM-7	7.65	118	4	0.05	24	1820	449	13.6	<2	2	57	<20	<0.01	10	<10	22	<10	24
08-BN-ULM-7b	2.61	72	2	0.06	56	3800	195	30.3	<2	3	60	<20	<0.01	10	<10	54	<10	10
08-BN-ULM-8	11.55	74	1	0.04	2	480	133	3.9	<2	<1	46	<20	<0.01	<10	<10	4	<10	5
08-BN-ULM-9 @ 1.5m	11.6	67	<1	0.04	2	30	7	<0.01	<2	1	49	<20	<0.01	<10	<10	2	<10	<2
08-BN-Wequiock-1	0.86	56	2	0.03	7	560	55	5.9	<2	<1	13	<20	<0.01	<10	<10	3	<10	6
08-BN-WRI-11NE-2	12.25	42	<1	0.04	<1	20	<2	<0.01	<2	<1	54	<20	<0.01	<10	<10	<1	<10	<2
GB#10 CORE ~197	12	1085	<1	0.04	2	120	22	1.5	<2	<1	114	<20	<0.01	<10	<10	8	<10	3
GB#10 CORE 100.0-100.4	10.1	335	<1	0.04	3	380	2	0.28	2	2	91	<20	<0.01	<10	10	8	<10	4
GB#10 CORE 103.4-103.8	8.61	280	<1	0.04	4	600	3	0.5	<2	3	78	<20	<0.01	<10	10	10	<10	5
GB#10 CORE 107.5-108.0	11.25	333	<1	0.03	2	330	2	<0.01	<2	1	59	<20	<0.01	<10	20	3	<10	<2
GB#10 CORE 113.5-114.0	10.5	381	<1	0.03	1	460	3	0.36	<2	1	98	<20	<0.01	<10	10	6	<10	3
GB#10 CORE 119.5-120.0	11.4	331	<1	0.02	<1	310	2	<0.01	<2	1	77	<20	<0.01	<10	10	4	<10	<2
GB#10 CORE 125.5-126.0	10.9	295	<1	0.03	1	1020	5	0.7	<2	1	70	<20	<0.01	<10	20	4	<10	<2
GB#10 CORE 129.6-129.9	10.4	315	1	0.04	9	3060	14	2.8	<2	1	87	<20	<0.01	<10	10	6	<10	2
GB#10 CORE 135.0-135.5	9.24	319	<1	0.04	7	1810	9	0.62	2	3	89	<20	<0.01	<10	10	10	<10	6
GB#10 CORE 139.2-139.7	10.4	337	<1	0.04	4	790	7	0.61	2	2	65	<20	<0.01	<10	10	7	<10	17
GB#10 CORE 147.0-147.5	12.1	381	<1	0.02	<1	<10	8	0.7	<2	<1	35	<20	<0.01	<10	10	1	<10	<2
GB#10 CORE 149.6-150.0	11.95	304	<1	0.02	<1	30	6	<0.01	<2	1	39	<20	<0.01	<10	20	2	<10	<2
GB#10 CORE 159.8-160.1	12.45	403	<1	0.06	<1	30	5	<0.01	<2	<1	77	<20	<0.01	<10	<10	3	<10	10
GB#10 CORE 171.0-171.7	11.45	398	<1	0.05	1	90	13	<0.01	<2	1	69	<20	<0.01	<10	<10	6	<10	3
GB#10 CORE 180.3-181.0	11.5	509	<1	0.05	1	90	14	0.5	<2	1	50	<20	<0.01	<10	<10	7	<10	3
GB#10 CORE 184.9-185.4	12	390	<1	0.05	1	80	10	<0.01	<2	1	58	<20	<0.01	<10	<10	5	<10	3
GB#10 CORE 211.1-211.8	12.3	450	1	0.06	<1	120	6	<0.01	<2	<1	147	<20	<0.01	<10	<10	5	<10	2
GB#10 CORE 230.4-231.0	12.2	521	<1	0.05	2	240	8	<0.01	<2	<1	203	<20	<0.01	<10	<10	12	<10	7
GB#10 CORE 239.9-240.4	10.25	457	1	0.05	2	360	5	<0.01	<2	1	153	<20	<0.01	<10	<10	8	<10	4
GB#10 CORE 240.4-240.8	10.85	500	<1	0.04	4	580	7	<0.01	<2	1	160	<20	<0.01	<10	<10	12	<10	5
GB#10 CORE 244.0-244.4	11.3	469	<1	0.03	<1	70	3	<0.01	<2	<1	109	<20	<0.01	<10	20	7	<10	<2
GB#10 CORE 249.8-250.2	10.75	449	<1	0.03	4	270	4	<0.01	<2	1	117	<20	<0.01	<10	10	8	<10	3
GB#10 CORE 254.7-255.0	11.7	373	<1	0.04	2	160	5	<0.01	<2	1	136	<20	<0.01	<10	20	9	<10	3
GB#10 CORE 265.0-265.3	10.6	374	<1	0.02	<1	120	3	0.04	<2	1	134	<20	<0.01	<10	10	11	<10	4
GB#10 CORE 274.1-274.6	11.35	487	<1	0.03	<1	70	2	<0.01	2	1	129	<20	<0.01	<10	10	13	<10	4
GB#10 CORE 285.0-285.9	11.7	359	<1	0.05	<1	160	3	0.04	2	1	176	<20	<0.01	<10	20	17	<10	4
GB#10 CORE 295.3-296.1	12.05	497	<1	0.03	3	200	2	<0.01	<2	1	165	<20	<0.01	<10	10	13	<10	3
GB#10 CORE 305.2-305.9	9.58	506	<1	0.03	2	280	2	0.06	<2	1	168	<20	<0.01	<10	10	11	<10	13
GB#10 CORE 314.9-315.3	12.5	708	<1	0.06	<1	<10	2	<0.01	<2	<1	68	<20	<0.01	<10	20	14	<10	<2
GB#10 CORE 330.1-330.7	12.25	744	<1	0.04	<1	30	2	<0.01	<2	<1	98	<20	<0.01	<10	20	10	<10	<2
GB#10 CORE 344.9-345.6	11.65	596	<1	0.03	<1	10	2	<0.01	<2	<1	57	<20	<0.01	<10	20	11	<10	<2
GB#10 CORE 353.3-354.0	11.9	578	<1	0.02	1	110	5	<0.01	<2	<1	54	<20	<0.01	<10	20	5	<10	<2
GB#10 CORE 364.2-364.9	10.7	214	<1	0.03	1	60	3	0.03	<2	1	78	<20	0.01	<10	10	17	<10	<2
GB#10 CORE 369.6-370.4	11.85	292	<1	0.04	2	40	3	<0.01	<2	1	132	<20	<0.01	<10	20	10	<10	<2
GB#10 CORE 378.0-378.5	12.3	305	<1	0.05	<1	<10	2	<0.01	2	<1	121	<20	<0.01	<10	20	9	<10	<2
GB#10 CORE 385.0-385.5	12.05	339	<1	0.05	1	100	3	<0.01	<2	1	129	<20	<0.01	<10	10	9	<10	3
GB#10 CORE 395.5-396.0	12.25	613	<1	0.04	<1	<10	4	0.05	<2	1	135	<20	<0.01	<10	20	14	<10	2
GB#10 CORE 405.8-406.3	10.8	720	<1	0.03	<1	30	3	<0.01	<2	<1	104	<20	<0.01	<10	10	16	<10	<2
GB#10 CORE 415.0-415.6	10.85	748	<1	0.03	<1	50	2	<0.01	<2	<1	101	<20	<0.01	<10	10	16	<10	<2

APPENDIX B1

Table Showing Sample Numbers, Locations, and ICP-AES Analytical Results

Sample Number (and footage, if applicable)	County	Latitude	Longitude	Description	Mass	Type	Stratigraphic Interval	UWGB Shipment #
GB#10 CORE 425.5-426.0	Brown	44.5503	-88.0458	425.5-426.0 - Prairie du Chien Group	0.335	BULK	PDC	6
GB#10 CORE 95.2-95.9	Brown	44.5503	-88.0458	95.2-95.9 Argillaceous dolomite and shale	0.486	BULK	SINNIPEE	6
GB#10 CORE164.6-165.3	Brown	44.5503	-88.0458	164.6-165.3 Light brown/buff dolomite	0.410	BULK	SINNIPEE	6
UWGB-2007-12 B-4 core	Brown	44.521	-88.01	12 (B-4; Core) Stylolitized dense brown dolomite - Core Sample	0.576	BULK	SINNIPEE	6
UWGB-2007-8 B-4 @ 47-47.5 feet	Brown	44.4478	-88.0735	8 (B-4@47-47.5FT.) Argillaceous gray dolomite - Core Sample	0.415	BULK	SINNIPEE	6
UWGB-2007-9 B-4 @ 12.5-13 feet	Brown	44.481	-88.048	9 (B-4; 12.5-13.0FT.) Stlolitized dense brown dolomite - Ashwaubenon - Core Sample	0.547	BULK	SINNIPEE	6
UWGB-2007-9 B1 @ 13-14 feet	Brown	44.481	-88.048	9 (B-1; 13-14 FT.) Stlolitized dense brown dolomite - Ashwaubenon - Core Sample	0.384	BULK	SINNIPEE	6
98-CAL-3	Calumet	44.0985	-88.3056	Dolostone - No visible sulfides	0.542	BULK	SILURIAN	3
UWGB-2007-21 @ 47.5-58.0 feet	Door	44.8318	-87.3744	21 (47.5-48.0 FT.) Light brown/tan dolomite - Sturgeon Bay - Core Sample	0.318	BULK	SILURIAN	6
UWGB-2007-18 @ 47.5-48 feet	Fond du Lac	43.7967	-88.3615	18 (47.5-48FT.) Argillaceous laminated brown oil stained dol. - Fond du Lac - Core Sample	0.442	BULK	SILURIAN	6
08-KE-LUX-16NE-4	Kewaunee	44.555843	-87.703474	Burnt Bluff Group - Representative Sample	0.533	BULK	SILURIAN	8
08-KE-RR-29NE-3	Kewaunee	44.615089	-87.732403	Gray, medium grained crystalline dolostone - Burnt Bluff Group	0.572	BULK	SILURIAN	8
08-MW-RLR-1	Manitowoc	44.262035	-87.676757	White Engadine with chert and red/green argillaceous layers	1.322	BULK	SILURIAN	7
08-MW-RLR-2	Manitowoc	44.262035	-87.676757	White crystalline dolomite with pyrite (semi concentrate) - Engadine	0.866	CONCENTRATE	SILURIAN	7
08-MW-RLR-3	Manitowoc	44.262035	-87.676757	White crystalline dolomite - Engadine	1.032	BULK	SILURIAN	7
UWGB-2007-11 @ 79.5 feet	Manitowoc	44.1475	-87.573	11 (79.5FT.) Burrowed dolomite - Two Rivers - Core Sample	0.302	BULK	SILURIAN	6
UWGB-2007-19 B-7 @ 13-13.5 feet	Manitowoc	44.069	-87.881	19 (B-7; 13-13.5FT.) White/yellow dolomitized reef talus - Valders - Core Sample	0.478	BULK	SILURIAN	6
UWGB-2007-22 @ 88 feet	Manitowoc	44.092	-87.66	22 (88FT [minor FeS2]) Dense gray dolomite with 1 fracture - Manitowoc - Core Sample	0.634	BULK	SILURIAN	6
07-MT-FP-1	Marinette	45.137625	-87.804221	Weathered SCH (Top Ancell?)	0.578	CONCENTRATE	ANCELL	2
07-MT-FP-2	Marinette	45.137568	-87.804433	Sulfide & dolomite cement from 1 m Sandy layer in base of Platteville Fm with vertical fractures and vugs	0.427	BULK	SINNIPEE	3
07-MT-FP-3	Marinette	45.137568	-87.804433	Burrowed hard gray-tan dolostone; no sulfides (~2 m above base Platteville)	0.366	BULK	SINNIPEE	3
07-MT-FP-5	Marinette	45.139368	-87.802997	ORANGE Sandstone WITH MINOR SULFIDES REMAINING	0.55	CONCENTRATE	ANCELL	2
07-MT-FP-6	Marinette	45.139371	-87.804475	SULFIDES IN SANDSTONE	0.27	CONCENTRATE	ANCELL	2
07-MT-PBQ-1.1	Marinette	45.028386	-87.834058	(Galena Fm?) Dolostone with Fe-sulfides	1.16	BULK	SINNIPEE	3
07-MT-PBQ-1.2	Marinette	45.028386	-87.834058	Hard burrowed dolostone - some sulfides (Galena Fm?)	1.04	BULK	SINNIPEE	3
07-MT-PBQ-1.3	Marinette	45.028386	-87.834058	Fe-Oxide stained, sulfide bearing dolostone (Galena Fm?)	0.95	BULK	SINNIPEE	3
07-MT-PBQ-1.4	Marinette	45.028386	-87.834058	Vuggy stylolitized tan dolostone with coarse pyrite/calcite vug fills	0.347	BULK	SINNIPEE	3
UWGB-2007-17 @ 33.5 feet	Marinette	45.0855	-87.6647	17 (33.5FT.) Dense brown stylolitized dolomite - Core Sample	0.424	BULK	SINNIPEE	6
UWGB-2007-20 @ 27.5-28.5 feet	Marinette?	unknown	unknown	20 (27.5-28.5FT) Stylolitized brown dolomite - Core Sample	0.925	BULK	SINNIPEE?	6
UWGB-2008-25-B-4 @ 17-17.5 ft	Menominee, MI	45.14378	-87.6139	Brown dense dolomite - Core Sample	0.456	BULK	PDC	7
UWGB-2008-25-B-4 @ 18.7-20.2 ft	Menominee, MI	45.14378	-87.6139	Mineralized fracture in brown dolomite; FeS2 and calcite - Core Sample	0.428	BULK	PDC	7
07-OCO-Che-12 W.P. 12	Oconto	44.72875	-88.20956	St. Peter Sandstone w/ Pyrite nodules	0.17	CONCENTRATE	ANCELL	2
07-OCO-CHe-9	Oconto	44.72873	-88.20894	1 m above base of Platteville (representative)	1.412	BULK	SINNIPEE	4
07-OCO-CHw-2	Oconto	44.72586	-88.21307	Glenwood	0.65	BULK	ANCELL	4
07-OCO-CHw-3	Oconto	44.72659	-88.21312	Glenwood	0.352	BULK	ANCELL	4
07-OCO-CHw-4	Oconto	44.72659	-88.21312	SP Sandstone SCH Nodules	0.9005	BULK	ANCELL	2
07-OCO-CHw-5a	Oconto	44.72685	-88.21425	SP w/ sulfides along bedding planes	0.27	CONCENTRATE	SINNIPEE	1
07-OCO-CHw-5b	Oconto	44.72685	-88.21425	Dolomite w/ Fe staining - 1 m above base of Platteville	0.79	BULK	SINNIPEE	1
07-OCO-CHW-6	Oconto	44.72685	-88.21425	Fe Sulfides in St. Peter Sandstone, just under Glenwood Shale	0.97	CONCENTRATE	ANCELL	5

APPENDIX B1

Table Showing Sample Numbers, Locations, and ICP-AES Analytical Results

Sample Number (and footage, if applicable)	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
GB#10 CORE 425.5-426.0	0.2	0.03	10	<10	<10	<0.5	<2	6.69	<0.5	3	4	16	0.38	<10	1	0.02	<10
GB#10 CORE 95.2-95.9	<0.2	0.58	10	30	10	0.5	<2	14.9	<0.5	3	10	10	0.96	<10	<1	0.39	10
GB#10 CORE164.6-165.3	<0.2	0.03	3	<10	<10	<0.5	<2	20.3	<0.5	<1	1	1	0.38	<10	<1	0.02	<10
UWGB-2007-12 B-4 core	<0.2	0.15	<2	10	<10	<0.5	<2	17.7	<0.5	1	4	1	0.54	<10	1	0.09	<10
UWGB-2007-8 B-4 @ 47-47.5 feet	<0.2	0.23	<2	10	<10	<0.5	<2	16.3	<0.5	1	7	2	0.77	<10	1	0.15	<10
UWGB-2007-9 B-4 @ 12.5-13 feet	<0.2	0.09	<2	<10	<10	<0.5	<2	18.6	<0.5	<1	3	1	0.67	<10	<1	0.06	<10
UWGB-2007-9 B1 @ 13-14 feet	<0.2	0.11	<2	<10	<10	<0.5	<2	17.8	<0.5	<1	4	5	0.57	<10	<1	0.08	<10
98-CAL-3	<0.2	0.05	<2	<10	<10	<0.5	<2	19.4	<0.5	<1	1	<1	0.15	<10	<1	0.03	<10
UWGB-2007-21 @ 47.5-58.0 feet	0.3	0.09	7	<10	<10	<0.5	<2	17.3	<0.5	2	2	3	0.36	<10	<1	0.06	<10
UWGB-2007-18 @ 47.5-48 feet	0.3	0.03	5	<10	<10	<0.5	<2	18	<0.5	1	1	<1	0.08	<10	1	0.02	<10
08-KE-LUX-16NE-4	<0.2	0.04	<2	10	<10	<0.5	<2	17.8	<0.5	1	1	1	0.11	<10	<1	0.03	<10
08-KE-RR-29NE-3	<0.2	0.03	6	<10	<10	<0.5	<2	18.3	<0.5	1	1	1	0.09	<10	<1	0.03	<10
08-MW-RLR-1	<0.2	0.13	4	<10	<10	<0.5	<2	18.7	<0.5	1	4	3	0.34	<10	<1	0.08	10
08-MW-RLR-2	<0.2	0.04	2	<10	<10	<0.5	<2	19	<0.5	1	2	1	0.25	<10	<1	0.03	10
08-MW-RLR-3	0.2	0.02	<2	<10	<10	<0.5	<2	19.3	<0.5	1	1	2	0.08	<10	<1	0.02	10
UWGB-2007-11 @ 79.5 feet	0.2	0.46	6	10	20	<0.5	<2	9.74	<0.5	4	9	11	0.83	<10	<1	0.27	10
UWGB-2007-19 B-7 @ 13-13.5 feet	0.2	0.02	7	<10	<10	<0.5	<2	18.5	<0.5	1	1	<1	0.1	<10	<1	0.02	<10
UWGB-2007-22 @ 88 feet	<0.2	0.02	12	<10	<10	<0.5	<2	19.3	<0.5	3	4	58	0.3	<10	<1	0.01	<10
07-MT-FP-1	0.5	0.21	114	10	<10	0.6	<2	9.4	<0.5	11	10	40	2.34	<10	<1	0.11	<10
07-MT-FP-2	<0.2	0.03	5	<10	<10	<0.5	<2	6.78	<0.5	2	3	20	0.56	<10	<1	0.02	<10
07-MT-FP-3	<0.2	0.07	3	<10	<10	<0.5	<2	19.1	<0.5	2	5	3	0.45	<10	<1	0.05	<10
07-MT-FP-5	0.2	0.03	57	<10	<10	<0.5	<2	1.08	<0.5	2	3	117	1.81	<10	<1	0.02	<10
07-MT-FP-6	0.3	0.02	58	<10	<10	<0.5	<2	3.19	<0.5	9	2	17	3.35	<10	<1	0.02	<10
07-MT-PBQ-1.1	<0.2	0.05	3	<10	<10	<0.5	<2	19.7	<0.5	<1	2	2	1.99	<10	<1	0.02	<10
07-MT-PBQ-1.2	<0.2	0.04	3	<10	<10	<0.5	<2	20.4	<0.5	<1	2	2	0.49	<10	<1	0.01	<10
07-MT-PBQ-1.3	<0.2	0.03	5	<10	180	<0.5	<2	22.6	<0.5	1	3	2	1	<10	<1	0.02	<10
07-MT-PBQ-1.4	<0.2	0.04	8	<10	40	<0.5	<2	22.8	<0.5	1	2	2	5.05	<10	1	0.02	<10
UWGB-2007-17 @ 33.5 feet	<0.2	0.09	7	<10	<10	<0.5	<2	17.1	<0.5	1	4	1	0.6	<10	<1	0.06	<10
UWGB-2007-20 @ 27.5-28.5 feet	<0.2	0.21	<2	10	<10	<0.5	<2	17.3	<0.5	2	6	1	0.61	<10	<1	0.13	<10
UWGB-2008-25-B-4 @ 17-17.5 ft	0.2	0.11	<2	10	10	<0.5	<2	17.8	<0.5	<1	4	2	0.61	<10	<1	0.07	10
UWGB-2008-25-B-4 @ 18.7-20.2 ft	0.3	0.27	5	10	390	<0.5	<2	18.1	4.2	<1	6	1	0.82	<10	<1	0.17	<10
07-OCO-Che-12 W.P. 12	1.2	0.36	135	10	10	0.9	<2	3.18	<0.5	6	13	30	11.15	<10	<1	0.24	10
07-OCO-CHe-9	<0.2	0.05	2	<10	<10	<0.5	<2	17.5	<0.5	1	4	3	0.47	<10	<1	0.03	<10
07-OCO-CHw-2	0.5	0.38	6	<10	10	0.7	<2	2.01	<0.5	11	21	18	1.86	<10	<1	0.24	10
07-OCO-CHw-3	0.5	0.47	17	10	10	1.4	<2	4.47	<0.5	28	22	22	1.78	<10	<1	0.25	10
07-OCO-CHw-4	1.4	0.12	499	<10	10	<0.5	<2	0.37	<0.5	67	3	56	20.8	<10	<1	0.1	<10
07-OCO-CHw-5a	0.6	0.07	16	<10	<10	<0.5	<2	14.4	<0.5	2	6	15	1.63	<10	1	0.04	<10
07-OCO-CHw-5b	<0.2	0.06	<2	<10	<10	<0.5	<2	15.5	<0.5	<1	5	3	0.51	<10	<1	0.04	<10
07-OCO-CHW-6	1.9	0.16	303	<10	10	<0.5	6	0.5	<0.5	30	7	51	18.4	<10	1	0.13	<10

APPENDIX B1

Table Showing Sample Numbers, Locations, and ICP-AES Analytical Results

Sample Number (and footage, if applicable)	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
GB#10 CORE 425.5-426.0	4.11	535	<1	0.01	<1	230	2	0.03	<2	<1	27	<20	<0.01	<10	10	5	<10	32
GB#10 CORE 95.2-95.9	9.89	339	<1	0.04	5	900	3	0.51	<2	2	101	<20	<0.01	<10	10	9	<10	3
GB#10 CORE164.6-165.3	12.35	529	<1	0.04	<1	40	6	<0.01	2	<1	51	<20	<0.01	<10	<10	2	<10	<2
UWGB-2007-12 B-4 core	11.45	328	<1	0.03	1	430	<2	<0.01	<2	1	63	<20	<0.01	<10	<10	9	<10	2
UWGB-2007-8 B-4 @ 47-47.5 feet	10.5	288	<1	0.03	2	380	3	0.5	<2	2	68	<20	<0.01	<10	<10	12	<10	2
UWGB-2007-9 B-4 @ 12.5-13 feet	12	433	<1	0.03	<1	370	<2	<0.01	3	1	58	<20	<0.01	<10	<10	7	<10	<2
UWGB-2007-9 B1 @ 13-14 feet	11.5	390	<1	0.03	4	270	2	<0.01	4	1	63	<20	<0.01	<10	<10	8	<10	10
98-CAL-3	12.1	69	<1	0.04	<1	90	<2	<0.01	<2	<1	63	<20	<0.01	<10	<10	<1	<10	<2
UWGB-2007-21 @ 47.5-58.0 feet	11.85	161	<1	0.04	2	50	21	<0.01	<2	1	52	<20	<0.01	<10	20	5	<10	<2
UWGB-2007-18 @ 47.5-48 feet	12.5	35	<1	0.04	<1	<10	2	<0.01	<2	<1	57	<20	<0.01	<10	20	<1	<10	<2
08-KE-LUX-16NE-4	11.9	66	<1	0.04	<1	40	2	<0.01	<2	<1	70	<20	<0.01	<10	<10	<1	<10	8
08-KE-RR-29NE-3	12.25	44	1	0.04	<1	20	<2	<0.01	<2	<1	105	<20	<0.01	<10	<10	<1	<10	<2
08-MW-RLR-1	11.85	89	<1	0.04	4	30	2	<0.01	<2	1	51	<20	<0.01	<10	<10	6	<10	<2
08-MW-RLR-2	12.1	86	<1	0.04	<1	10	3	<0.01	<2	<1	48	<20	<0.01	<10	<10	2	<10	<2
08-MW-RLR-3	12.35	78	<1	0.04	<1	10	2	<0.01	<2	<1	52	<20	<0.01	<10	<10	<1	<10	<2
UWGB-2007-11 @ 79.5 feet	6.71	178	<1	0.02	8	320	14	0.31	<2	2	57	<20	0.01	<10	10	10	<10	11
UWGB-2007-19 B-7 @ 13-13.5 feet	12.85	110	<1	0.02	<1	<10	3	<0.01	<2	<1	56	<20	<0.01	<10	20	1	<10	<2
UWGB-2007-22 @ 88 feet	12.75	106	<1	0.03	35	10	4	<0.01	<2	<1	55	<20	<0.01	<10	<10	4	<10	118
07-MT-FP-1	5.64	717	3	0.02	28	1430	12	1.96	<2	5	39	<20	<0.01	<10	<10	15	<10	4
07-MT-FP-2	4.13	292	<1	0.04	7	120	<2	0.3	<2	<1	28	<20	<0.01	<10	<10	4	<10	4
07-MT-FP-3	11.35	401	<1	0.06	2	40	3	<0.01	<2	1	81	<20	<0.01	<10	<10	6	<10	2
07-MT-FP-5	0.02	43	1	<0.01	10	20	25	1.14	2	<1	2	<20	<0.01	<10	<10	2	<10	2
07-MT-FP-6	0.06	306	1	<0.01	25	20	17	1.95	<2	<1	17	<20	<0.01	<10	<10	3	<10	2
07-MT-PBQ-1.1	10.95	432	<1	0.05	2	70	92	2.4	<2	<1	63	<20	<0.01	<10	<10	4	<10	2
07-MT-PBQ-1.2	12.05	364	<1	0.05	1	40	2	<0.01	<2	<1	51	<20	<0.01	<10	<10	3	<10	<2
07-MT-PBQ-1.3	9.55	575	<1	0.05	<1	40	8	0.7	<2	<1	228	<20	<0.01	<10	<10	4	<10	<2
07-MT-PBQ-1.4	6.33	1010	1	0.04	<1	50	6	7.4	<2	1	234	<20	<0.01	10	<10	5	<10	12
UWGB-2007-17 @ 33.5 feet	11.5	277	<1	0.02	<1	180	2	<0.01	2	1	42	<20	<0.01	<10	20	6	<10	8
UWGB-2007-20 @ 27.5-28.5 feet	11.2	258	<1	0.03	3	280	4	<0.01	<2	2	51	<20	<0.01	<10	<10	11	<10	3
UWGB-2008-25-B-4 @ 17-17.5 ft	11.15	266	<1	0.02	3	200	<2	<0.01	<2	1	52	<20	<0.01	<10	<10	6	<10	6
UWGB-2008-25-B-4 @ 18.7-20.2 ft	10.5	314	<1	0.02	3	300	443	0.8	<2	1	69	<20	<0.01	<10	<10	8	<10	3720
07-OCO-Che-12 W.P. 12	0.11	138	5	0.05	42	16300	131	13	4	3	132	<20	<0.01	<10	<10	12	<10	6
07-OCO-CHe-9	11.75	413	<1	0.03	3	70	3	<0.01	2	1	39	<20	<0.01	<10	<10	3	<10	56
07-OCO-CHw-2	1.21	264	<1	0.01	34	320	18	1.35	2	3	16	<20	0.01	<10	<10	20	<10	9
07-OCO-CHw-3	2.71	524	<1	0.01	64	770	21	1.22	3	4	31	<20	0.01	<10	<10	22	<10	12
07-OCO-CHw-4	0.05	71	7	0.01	1060	1100	290	21.3	7	1	13	<20	<0.01	10	<10	4	<10	3
07-OCO-CHw-5a	8.73	862	2	0.03	18	100	27	1.07	<2	1	53	<20	<0.01	<10	<10	7	<10	3
07-OCO-CHw-5b	9.56	951	<1	0.03	1	70	5	<0.01	<2	1	57	<20	<0.01	<10	<10	5	<10	2
07-OCO-CHW-6	0.05	62	21	0.02	596	1690	258	19.7	<2	<1	21	<20	<0.01	<10	<10	6	<10	2

APPENDIX B1

Table Showing Sample Numbers, Locations, and ICP-AES Analytical Results

Sample Number (and footage, if applicable)	County	Latitude	Longitude	Description	Mass	Type	Stratigraphic Interval	UWGB Shipment #
07-OCO-CHw-7	Oconto	44.72348	-88.21613	Dolomite - 1 m above base of Platteville	0.75	BULK	SINNIPEE	1
07-OCO-DU-1	Oconto	44.942715	-87.999007	Sulfide Rich St. Peter Sandstone Nodules	0.27	CONCENTRATE	ANCELL	2
07-OCO-DU-10	Oconto	44.941275	-87.996355	Glacially striated dolomite - ~20 feet above base of Platteville	0.88	BULK	SINNIPEE	1
07-OCO-DU-11	Oconto	44.942719	-87.996865	SCH Zone - Floor of Quarry	1.333	BULK	ANCELL	2
07-OCO-DU-2	Oconto	44.942302	-87.999072	Conglomeratic SCH Zone	0.7	BULK	ANCELL	2
07-OCO-DU-3	Oconto	44.942302	-87.999072	Shale w/ trilobites - Glenwood	0.66	BULK	ANCELL	1
07-OCO-DU-4	Oconto	44.942302	-87.999072	1 m above base of Platteville (representative)	0.605	BULK	SINNIPEE	4
07-OCO-DU-7	Oconto	44.941275	-87.996355	Glenwood w/ FeS ₂ replaced trilobite fossils	0.508	BULK	ANCELL	1
07-OCO-DU-7.5	Oconto	44.941275	-87.996355	Concentrated FeS ₂ on Hard Ground (2 feet above base of Platteville); Sandy	0.357	CONCENTRATE	SINNIPEE	5
07-OCO-DU-8, 1 of 3 @ 3-4'	Oconto	44.941275	-87.996355	Burrowed Dolomite - 1-1.3 m above base of Platteville	0.592	BULK	SINNIPEE	1
07-OCO-DU-8, 2 of 3 @ 3-4'	Oconto	44.941275	-87.996355	Burrowed Dolomite	0.83	BULK	SINNIPEE	1
07-OCO-DU-8, 3 of 3 @ 3-4'	Oconto	44.941275	-87.996355	Burrowed Dolomite	1.07	BULK	SINNIPEE	1
07-OCO-DU-9 (@8')	Oconto	44.941275	-87.996355	Dolomite w/ shale	0.874	BULK	SINNIPEE	1
07-OCO-FML-0	Oconto	44.931051	-87.9944	MINERALIZED HARDGROUND Grab Specimen	0.54	CONCENTRATE	SINNIPEE	3
07-OCO-FML-2	Oconto	44.931051	-87.9944	2-2.5 m above base of Platteville (sandy)	0.645	BULK	SINNIPEE	1
07-OCO-FML-3	Oconto	44.931051	-87.9944	BIG JOINT FACE SULFIDES	0.49	CONCENTRATE	SINNIPEE	2
07-OCO-Hkz-1	Oconto	44.72588	-88.21304	fossiliferous Dolomite (vuggy)	0.923	BULK	SINNIPEE	1
07-OCO-LS-1 ~20'	Oconto	44.7015	-87.9878	Dolomite w/ FeS ₂ and calcite	0.842	BULK	SINNIPEE	1
07-OCO-LS-1-? PILES	Oconto	44.7015	-87.9878	Dark Dolomite w/ Sulfides	0.92	BULK	SINNIPEE	1
07-OCO-LS-1-03 WALL	Oconto	44.7015	-87.9878	slightly argillaceous dolomite	0.952	BULK	SINNIPEE	1
07-OCO-LS-2 TOP	Oconto	44.7008	-87.9993	Hard buff dolostone, some calcite	0.998	BULK	SINNIPEE	3
07-OCO-LS-2+05	Oconto	44.7008	-87.9993	Dolostone ~5 feet above upper level quarry floor	0.923	BULK	SINNIPEE	3
07-OCO-LS-3 UPPER LEVEL BLAST 3.1	Oconto	44.7008	-87.9993	Dolomite w/ Fe staining	0.31	BULK	SINNIPEE	1
07-OCO-LS-3 UPPER LEVEL VERTICAL FRACTURE 3.2	Oconto	44.7008	-87.9993	Sulfide plane w/ calcite on Partial wall rock	0.227	CONCENTRATE	SINNIPEE	1
07-OCO-MTV-2	Oconto	44.756785	-88.060226	Dense gray crystalline dolomite, some vugs w/cc, FeS ₂ , sphalerite; base Platteville	1.696	BULK	SINNIPEE	4
07-OCO-MTV-2.1	Oconto	44.756785	-88.060226	Sulfides in Joint in Quartz Sandstone	0.436	CONCENTRATE	ANCELL	2
07-OCO-MTV-2.2	Oconto	44.756785	-88.060226	Sulfide cemented Quartz Sandstone	0.636	BULK	ANCELL	2
07-OCO-MTV-3	Oconto	44.756785	-88.060226	Glenwood	0.93	BULK	ANCELL	4
07-OCO-PCH-1	Oconto	44.725277	-88.226087	Sulfide Cemented St. Peter from Quarry Floor	0.54	CONCENTRATE	ANCELL	2
07-OCO-PCH-2	Oconto	44.725277	-88.226087	1 m above base of Platteville (representative)	0.705	BULK	SINNIPEE	3
07-OCO-PCH-3	Oconto	44.725277	-88.226087	Platteville Dolostone, ~8 feet above base	0.516	BULK	SINNIPEE	3
07-OCO-PCH-4	Oconto	44.725277	-88.226087	Glacially Striated Dolostone from top of Quarry	0.924	BULK	SINNIPEE	3
07-OCO-PCH-5	Oconto	44.725256	-88.226058	WEATHERED SCH of St. Peter Sandstone	0.758	CONCENTRATE	ANCELL	2
07-OCO-PCH-6	Oconto	44.726252	-88.225311	MINERALIZED St. Peter Sandstone	0.77	CONCENTRATE	ANCELL	2
07-OCO-PCH-7	Oconto	44.726252	-88.225311	Hardground @ 1-1.3 m above base of Platteville	0.703	BULK	SINNIPEE	3
07-OCO-Schaal-1	Oconto	44.936	-88.294	Fe Oxide cemented Jordan S.S	0.341	BULK	CAMBRIAN	1
07-OCO-Schaal-2	Oconto	44.936	-88.294	Black/Brown blob in grainstone w/ malachite (Malachite kept for S.E.M.) - Oneota	0.56	BULK	PDC	1
07-OCO-SQ-1	Oconto	44.772426	-87.936318	Pink carbonate in vug	1.96	BULK	SINNIPEE	4
07-OCO-SQ-2	Oconto	44.77291	-87.935668	WP 103; Sulfide rich dolostone layer about 3-4 m (half way) up face	0.799	BULK	SINNIPEE	4
07-OCO-SQ-2-Bulk Chem W.P. 103	Oconto	44.77291	-87.935668	Dark Sulfide rich Dolostone	0.966	BULK	SINNIPEE	1
07-OCO-SQ-3	Oconto	44.772804	-87.933649	FeS ₂ Mineralized Joint	1.086	CONCENTRATE	SINNIPEE	4
07-OCO-SQ-3	Oconto	44.77281	-87.933686	Hard Ground with sulfides weathering to Fe Oxides	0.584	CONCENTRATE	SINNIPEE	5
07-OUT-SKH-1	Oconto	44.376687	-88.332171	1 m above base of Platteville (representative)	1.111	BULK	SINNIPEE	3

APPENDIX B1

Table Showing Sample Numbers, Locations, and ICP-AES Analytical Results

Sample Number (and footage, if applicable)	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
07-OCO-CHw-7	<0.2	0.06	<2	<10	<10	<0.5	<2	18.3	<0.5	1	4	2	0.5	<10	<1	0.04	<10
07-OCO-DU-1	3.1	0.46	324	<10	<10	<0.5	<2	0.02	0.7	71	<1	246	28.4	<10	<1	0.06	<10
07-OCO-DU-10	<0.2	0.07	4	<10	<10	<0.5	<2	18.1	<0.5	<1	5	13	0.57	<10	<1	0.05	10
07-OCO-DU-11	0.8	0.03	94	<10	<10	<0.5	<2	0.03	<0.5	10	1	427	16.9	<10	<1	0.03	<10
07-OCO-DU-2	2.9	0.05	101	<10	<10	<0.5	<2	1.23	<0.5	89	4	1620	8.8	<10	1	0.04	<10
07-OCO-DU-3	<0.2	0.4	6	10	10	0.7	<2	10.2	<0.5	6	19	27	1.24	<10	<1	0.24	10
07-OCO-DU-4	<0.2	0.07	<2	<10	<10	<0.5	2	16.6	<0.5	1	7	4	0.54	<10	<1	0.05	10
07-OCO-DU-7	<0.2	0.24	10	10	10	<0.5	<2	13.8	<0.5	4	10	15	0.84	<10	<1	0.16	10
07-OCO-DU-7.5	0.5	0.04	12	<10	<10	<0.5	<2	9.39	<0.5	7	6	18	1.81	<10	1	0.03	<10
07-OCO-DU-8, 1 of 3 @ 3-4'	<0.2	0.05	2	<10	<10	<0.5	<2	15.4	<0.5	1	5	18	0.44	<10	<1	0.04	10
07-OCO-DU-8, 2 of 3 @ 3-4'	<0.2	0.06	3	<10	<10	<0.5	<2	15.6	<0.5	1	5	8	0.43	<10	<1	0.05	10
07-OCO-DU-8, 3 of 3 @ 3-4'	<0.2	0.05	<2	<10	<10	<0.5	<2	13.9	<0.5	1	5	4	0.41	<10	<1	0.05	<10
07-OCO-DU-9 (@8')	<0.2	0.07	2	<10	<10	<0.5	<2	17.7	<0.5	1	4	60	0.5	<10	<1	0.05	<10
07-OCO-FML-0	<0.2	0.05	7	<10	<10	<0.5	<2	16	<0.5	2	5	5	0.79	<10	<1	0.03	<10
07-OCO-FML-2	<0.2	0.78	<2	10	10	0.7	<2	0.53	<0.5	2	17	30	1.22	<10	<1	0.16	10
07-OCO-FML-3	<0.2	0.05	4	<10	<10	<0.5	<2	7.1	<0.5	3	8	6	1.08	<10	<1	0.04	<10
07-OCO-Hkz-1	<0.2	0.03	<2	<10	<10	<0.5	<2	19.3	<0.5	<1	2	1	0.42	<10	<1	0.02	<10
07-OCO-LS-1 ~20'	<0.2	0.21	87	10	<10	<0.5	<2	15.3	<0.5	17	6	9	3.57	<10	1	0.12	10
07-OCO-LS-1-? PILES	<0.2	0.15	154	10	<10	<0.5	<2	17.5	<0.5	31	5	18	3.21	<10	<1	0.1	20
07-OCO-LS-1-03 WALL	<0.2	0.25	<2	10	<10	<0.5	<2	16.5	<0.5	2	6	8	0.57	<10	<1	0.16	10
07-OCO-LS-2 TOP	<0.2	0.09	3	10	<10	<0.5	<2	19.2	<0.5	1	3	1	0.55	<10	<1	0.05	<10
07-OCO-LS-2+05	<0.2	0.22	<2	10	<10	<0.5	<2	17.5	<0.5	2	7	3	0.56	<10	1	0.12	<10
07-OCO-LS-3 UPPER LEVEL BLAST 3.1	<0.2	0.3	165	10	<10	<0.5	<2	15.2	<0.5	35	7	22	4.97	<10	<1	0.18	20
07-OCO-LS-3 UPPER LEVEL VERTICAL FRACTURE 3.2	<0.2	0.07	<2	<10	<10	<0.5	<2	21.1	<0.5	1	2	8	4.13	<10	<1	0.04	<10
07-OCO-MTV-2	<0.2	0.06	5	<10	<10	<0.5	<2	16.5	<0.5	3	4	8	0.87	<10	<1	0.04	10
07-OCO-MTV-2.1	<0.2	0.03	23	<10	<10	<0.5	<2	7.66	<0.5	7	4	7	1.7	<10	<1	0.02	<10
07-OCO-MTV-2.2	1.2	0.89	34	40	20	2.1	<2	2.83	<0.5	40	27	138	5.45	10	<1	0.56	10
07-OCO-MTV-3	1.2	0.25	18	<10	10	<0.5	<2	0.09	<0.5	10	16	52	2.38	<10	<1	0.2	<10
07-OCO-PCH-1	0.2	0.07	275	<10	<10	<0.5	<2	0.06	<0.5	2	5	8	6.63	<10	<1	0.05	<10
07-OCO-PCH-2	<0.2	0.05	6	<10	<10	<0.5	<2	19.4	<0.5	1	3	2	0.48	<10	<1	0.03	<10
07-OCO-PCH-3	<0.2	0.06	<2	<10	<10	<0.5	<2	18.2	<0.5	<1	2	1	0.4	<10	<1	0.03	<10
07-OCO-PCH-4	<0.2	0.05	<2	<10	<10	<0.5	<2	17.9	<0.5	<1	3	1	0.38	<10	<1	0.03	<10
07-OCO-PCH-5	1.2	0.21	5	<10	10	<0.5	<2	0.1	<0.5	10	17	37	2.24	<10	<1	0.17	<10
07-OCO-PCH-6	0.5	0.13	189	<10	<10	<0.5	<2	0.66	0.7	20	12	21	18.2	<10	<1	0.09	<10
07-OCO-PCH-7	0.2	0.08	9	<10	<10	<0.5	<2	14	<0.5	3	5	9	1.72	<10	<1	0.04	<10
07-OCO-Schaal-1	<0.2	0.02	<2	<10	10	<0.5	<2	18	<0.5	3	2	6	0.35	<10	<1	0.01	<10
07-OCO-Schaal-2	<0.2	0.04	<2	<10	<10	<0.5	<2	15.8	<0.5	1	2	4	0.5	<10	<1	0.01	<10
07-OCO-SQ-1	<0.2	0.08	5	<10	<10	<0.5	<2	18	<0.5	1	6	1	0.59	<10	1	0.05	10
07-OCO-SQ-2	<0.2	0.54	144	30	10	<0.5	<2	15.25	<0.5	27	18	21	2.71	<10	<1	0.29	30
07-OCO-SQ-2-Bulk Chem W.P. 103	<0.2	0.36	98	20	<10	<0.5	<2	16.2	<0.5	19	13	9	2.25	<10	<1	0.2	20
07-OCO-SQ-3	<0.2	0.11	25	<10	<10	<0.5	<2	16.9	<0.5	5	6	3	2.04	<10	<1	0.07	10
07-OCO-SQ-3	<0.2	0.17	97	10	<10	<0.5	<2	16.5	<0.5	11	8	8	2.1	<10	1	0.1	10
07-OUT-SKH-1	<0.2	0.06	17	<10	10	<0.5	<2	19.9	4.1	2	3	4	0.52	<10	<1	0.03	<10

APPENDIX B1

Table Showing Sample Numbers, Locations, and ICP-AES Analytical Results

Sample Number (and footage, if applicable)	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
07-OCO-CHw-7	11.4	939	<1	0.03	<1	60	4	<0.01	<2	1	67	<20	<0.01	<10	<10	4	<10	2
07-OCO-DU-1	0.02	56	14	<0.01	142	70	59	32.6	10	1	4	<20	<0.01	<10	<10	5	<10	5
07-OCO-DU-10	11.05	705	<1	0.05	4	50	4	<0.01	<2	1	64	<20	<0.01	<10	<10	5	<10	<2
07-OCO-DU-11	0.02	71	25	<0.01	39	10	5	18.3	<2	<1	1	<20	<0.01	10	<10	3	<10	5
07-OCO-DU-2	0.54	120	11	<0.01	256	20	51	9.8	<2	1	4	<20	<0.01	<10	<10	4	<10	5
07-OCO-DU-3	6.17	451	<1	0.03	25	740	9	0.9	<2	4	46	<20	0.01	<10	<10	20	<10	6
07-OCO-DU-4	10.15	473	<1	0.03	6	60	<2	0.24	<2	1	55	<20	<0.01	<10	<10	6	<10	<2
07-OCO-DU-7	8.43	438	<1	0.04	12	490	6	0.79	<2	3	62	<20	<0.01	<10	<10	13	<10	3
07-OCO-DU-7.5	5.89	272	2	0.03	43	50	22	1.23	2	<1	29	<20	<0.01	<10	<10	5	<10	3
07-OCO-DU-8, 1 of 3 @ 3-4'	9.51	339	<1	0.04	3	60	3	0.28	<2	1	55	<20	<0.01	<10	<10	5	<10	<2
07-OCO-DU-8, 2 of 3 @ 3-4'	9.62	330	<1	0.04	6	70	5	0.3	<2	1	59	<20	<0.01	<10	<10	5	<10	<2
07-OCO-DU-8, 3 of 3 @ 3-4'	9.06	292	<1	0.04	6	50	2	0.28	<2	1	54	<20	<0.01	<10	<10	5	<10	<2
07-OCO-DU-9 (@8')	10.95	539	<1	0.04	3	70	2	<0.01	<2	1	58	<20	<0.01	<10	<10	4	<10	<2
07-OCO-FML-0	9.48	558	<1	0.04	8	40	9	0.51	<2	1	51	<20	<0.01	<10	<10	6	<10	2
07-OCO-FML-2	1.33	50	<1	<0.01	6	90	3	<0.01	2	2	4	<20	0.01	<10	<10	12	<10	8
07-OCO-FML-3	4.3	349	<1	0.01	10	300	9	0.81	<2	1	27	<20	<0.01	<10	<10	6	<10	2
07-OCO-Hkz-1	12.1	506	<1	0.04	1	60	5	<0.01	2	<1	71	<20	<0.01	<10	<10	4	<10	19
07-OCO-LS-1 ~20'	8.62	384	1	0.04	17	5290	14	4.45	<2	2	86	<20	<0.01	<10	<10	13	<10	<2
07-OCO-LS-1-? PILES	9.39	405	1	0.07	27	9600	27	3.9	<2	3	120	<20	<0.01	<10	<10	17	<10	<2
07-OCO-LS-1-03 WALL	10.05	436	<1	0.05	2	470	3	<0.01	<2	1	81	<20	<0.01	<10	<10	5	<10	3
07-OCO-LS-2 TOP	11.25	330	<1	0.05	1	90	2	<0.01	<2	1	57	<20	<0.01	<10	<10	7	<10	2
07-OCO-LS-2+05	10.4	297	<1	0.05	1	310	2	<0.01	2	1	69	<20	<0.01	<10	<10	12	<10	30
07-OCO-LS-3 UPPER LEVEL BLAST 3.1	6.91	332	2	0.08	34	16900	42	6.22	<2	3	140	<20	<0.01	<10	<10	22	<10	<2
07-OCO-LS-3 UPPER LEVEL VERTICAL FRACTURE 3.2	7.84	433	<1	0.03	5	170	7	5.6	<2	<1	72	<20	<0.01	<10	<10	6	<10	5
07-OCO-MTV-2	10.05	533	1	0.02	9	90	<2	<0.01	<2	1	40	<20	<0.01	<10	<10	4	<10	12
07-OCO-MTV-2.1	4.68	211	<1	0.01	76	150	203	1.46	<2	1	20	<20	<0.01	<10	<10	6	<10	8
07-OCO-MTV-2.2	0.29	332	4	0.05	70	11100	21	5.74	<2	3	133	<20	0.01	<10	<10	25	<10	25
07-OCO-MTV-3	0.14	87	1	<0.01	161	50	29	2.34	2	1	5	<20	0.01	<10	<10	12	<10	4
07-OCO-PCH-1	0.03	31	1	<0.01	51	10	58	6.85	2	<1	1	<20	<0.01	<10	<10	3	<10	3
07-OCO-PCH-2	11.4	422	<1	0.06	<1	50	7	<0.01	<2	1	63	<20	<0.01	<10	<10	4	<10	2
07-OCO-PCH-3	11.15	269	<1	0.03	1	60	10	<0.01	2	1	49	<20	<0.01	<10	<10	2	<10	5
07-OCO-PCH-4	11	238	<1	0.04	2	70	5	<0.01	<2	1	43	<20	<0.01	<10	<10	2	<10	8
07-OCO-PCH-5	0.09	95	1	<0.01	38	790	15	1.97	<2	1	7	<20	<0.01	<10	<10	12	<10	21
07-OCO-PCH-6	0.05	57	4	0.01	63	2770	96	20.3	4	1	31	<20	<0.01	10	<10	5	<10	14
07-OCO-PCH-7	8.39	355	1	0.03	11	90	39	1.67	<2	1	52	<20	<0.01	<10	<10	7	<10	3
07-OCO-Schaal-1	11.25	602	<1	0.02	1	50	3	<0.01	<2	<1	87	<20	<0.01	<10	<10	6	<10	45
07-OCO-Schaal-2	9.84	718	<1	0.02	<1	60	2	<0.01	2	<1	55	<20	<0.01	<10	<10	9	<10	<2
07-OCO-SQ-1	10.9	375	<1	0.04	2	1450	<2	<0.01	<2	1	68	<20	<0.01	<10	<10	13	<10	<2
07-OCO-SQ-2	8.72	301	1	0.07	24	10000	16	3.25	<2	5	147	20	<0.01	<10	<10	31	<10	3
07-OCO-SQ-2-Bulk Chem W.P. 103	9.12	298	1	0.05	14	8290	10	2.43	2	5	116	20	<0.01	<10	<10	26	<10	2
07-OCO-SQ-3	9.93	305	<1	0.02	8	840	<2	2.1	3	1	51	<20	<0.01	<10	<10	14	<10	<2
07-OCO-SQ-3	9.97	327	1	0.06	10	4530	5	2	2	4	86	<20	<0.01	<10	<10	15	<10	2
07-OUT-SKH-1	11.55	760	1	0.06	4	50	5	<0.01	<2	1	101	<20	<0.01	<10	<10	6	<10	1850

APPENDIX B1

Table Showing Sample Numbers, Locations, and ICP-AES Analytical Results

Sample Number (and footage, if applicable)	County	Latitude	Longitude	Description	Mass	Type	Stratigraphic Interval	UWGB Shipment #
07-OUT-SKH-2	Oconto	44.376687	-88.332171	St. Peter Sandstone w/ Pyrite nodules	0.822	CONCENTRATE	ANCELL	2
07-OUT-SKH-2	Oconto	44.376687	-88.332171	FeS2 nodule rich Sandstone below 07-OUT-SKH-1 (St. Peter?)	0.242	CONCENTRATE	ANCELL	5
07-OUT-SKH-3	Oconto	44.377292	-88.333051	3 m below Platteville/PDC Contact WP 115	0.776	BULK	PDC	3
07-OUT-SKH-3	Oconto	44.377292	-88.333051	3m below PDC-Platteville (Duplicate)	0.684	BULK	PDC	4
JUL-6-2007 (Foster Quarry)	Oconto	44.945	-88.2774	Foster Quarry - Dolostone	0.878	BULK	PDC	4
Peotter's Pit	Outagamie	44.4965	-88.3705	St. Peter-Oxidized	1.3	BULK	ANCELL	4
07-NL-45-2 (30' ABOVE BASE)	Outagamie/Waupaca	44.3494	-88.7371	Dolomite with purple burrows	0.695	BULK	PDC	3
07-NL-45E.1 @ (10' ABOVE BASE)	Outagamie/Waupaca	44.3494	-88.7371	Dolomite	0.769	BULK	PDC	3
07-NL-45E.2 @ (10'-15' ABOVE BASE)	Outagamie/Waupaca	44.3494	-88.7371	Dolomite	0.65	BULK	PDC	3
07-SH-29/231-1	Shawano	44.752000	-88.496500	Dolostone w/ Fe staining	0.581	BULK	PDC	1
07-SH-29/231-2	Shawano	44.752000	-88.496500	Crystalline Oolitic Dolomite w/ Fe staining, and light green grains	1.004	BULK	PDC	1
07-SH-29/231-3	Shawano	44.752000	-88.496500	FeO2 layer in PDC Dolomite	0.542	CONCENTRATE	PDC	1
07-SH-29/231-4	Shawano	44.752000	-88.496500	Dolomite w/ purple burrows	0.913	BULK	PDC	1
07-SH-Mck-0.1 Lower Platteville	Shawano	44.63013	-88.28217	Dolomite w/ Fe stained fractures Sulfide rich cracks on Bedding plane - Platteville	0.352	BULK	SINNIPEE	1
07-SH-Mck-0.2	Shawano	44.63013	-88.28217	Burrowed Dolomite w/sulfide-rich zone - Platteville	0.352	BULK	SINNIPEE	1
07-SH-MCK-1	Shawano	44.629873	-88.282232	Dark Brown Shale - Glenwood Fm.	0.474	BULK	ANCELL	4
07-SH-MCK-2	Shawano	44.629873	-88.282232	Well Cemented Sandstone (unmineralized)	0.58	BULK	ANCELL	4
07-SH-Mck-3	Shawano	44.629873	-88.282232	1 m above base of Platteville (representative)	0.509	BULK	SINNIPEE	1
07-SH-Mck-4	Shawano	44.629158	-88.279945	Sandy Dolomite w/ Fe staining	0.34	CONCENTRATE	SINNIPEE	2
96-SH-1	Shawano	44.7656	-88.5178	Oolitic grainstone - Oneota (PDC)	0.525	BULK	PDC	1
96-SH-2	Shawano	44.7656	-88.5178	No visible sulfides; vugs with calcite	0.795	BULK	PDC	4
UWGB-2008-24-B-10 @ 29.5 ft	Shawano	44.8038	-88.3479	Fe-oxide stained light brown dolomite - Core Sample	0.575	BULK	PDC	7
UWGB-2008-24-B-11 @ 15 ft	Shawano	44.8046	-88.3452	Dolomite - bulk core sample - Core Sample	0.341	BULK	PDC	7
UWGB-2008-24-B-2-3 @ 14.5 ft	Shawano	44.7840	-88.4224	Brown & purple, dense cemented oolitic dolomite - Core Sample	0.329	BULK	PDC	7
UWGB-2008-24-B-22 @ 13.3-14 ft	Shawano	44.8160	-88.2614	Dolomite - Core Sample	0.699	BULK	PDC	7
UWGB-2008-24-B-23 @ 33 ft	Shawano	44.8167	-88.2558	Gray-purple dense cemented oolitic grainstone - Core Sample	0.606	BULK	PDC	7
UWGB-2008-24-B-4 @ 16 ft	Shawano	44.7882	-88.4067	Fe-oxide stained oolitic dolomite - Core Sample	0.262	BULK	PDC	7
UWGB-2008-24-B-6 @ 17 ft	Shawano	44.7940	-88.3848	Orange and purple mottled dolomite - Core Sample	0.361	BULK	PDC	7
UWGB-2008-24-B-9-3 @ 11.5-11.8 ft	Shawano	44.8016	-88.3563	Argillaceous light brown dolomite - Core Sample	0.308	BULK	PDC	7
08-WPC-Guhl-1	Waupaca	44.294	-88.776	PDC-Pink-Tan Dolomite-No sulfides (3m above base of PDC)	1.107	BULK	PDC	4
07-WIN-BCQ-1	Winnebago	44.1709	-88.496	1 m above base of Platteville (representative)	0.978	BULK	SINNIPEE	3
07-WIN-BCQ-1	Winnebago	44.1709	-88.496	1 m above base of Platteville (representative) duplicate	1.979	BULK	SINNIPEE	4
07-WIN-LQ-1	Winnebago	44.1899	-88.6402	Partially Silicified PDC dolostone, minor sulfides on joint	0.646	BULK	PDC	3
07-WIN-LQ-2	Winnebago	44.1899	-88.6402	Green Minerals in dolostone with chert breccia	0.548	BULK	PDC	4
96-WIN-8.1	Winnebago	44.0031	-88.5713	Dolostone - no visible sulfides	1.077	BULK	SINNIPEE	3
96-WIN-8.2	Winnebago	44.0031	-88.5713	Dolostone breccia cemented by FeS2 and calcite	0.651	CONCENTRATE	SINNIPEE	2
96-WIN-9.1	Winnebago	44.0031	-88.5713	Dolostone with abundant pyrite, some calcite and minor marcasite	0.175	BULK	SINNIPEE	3
97b-WIN-5 (FZS)	Winnebago	44.171	-88.4985	Dolostone - No visible sulfides	0.3106	CONCENTRATE	SINNIPEE	2
UWGB-2007-15 @ 33 feet	Winnebago	44.034	-88.564	15 (33FT.) Burrowed dense brown dolomite - Oshkosh - Core Sample	0.282	BULK	SINNIPEE	6
UWGB-2008-23 B-1 @ 15.3-16 feet	Winnebago	44.2062	-88.4538	23 (B-1;15.3-16.0FT.) Burrowed brown dolomite; dense - Core Sample	0.537	BULK	SINNIPEE	6
UWGB-2008-23 B-1 @ 20.5-21 feet	Winnebago	44.2062	-88.4538	23 (B-1;20.5-21.0 FT.) Burrowed brown dolomite; dense - Core Sample	0.432	BULK	SINNIPEE	6
UWGB-2008-23 B-1 @ 31.5-32 feet	Winnebago	44.2062	-88.4538	23 (B-1; 31.5-32.0FT.) Burrowed brown dolomite; dense - Core Sample	0.477	BULK	SINNIPEE	6

APPENDIX B1

Table Showing Sample Numbers, Locations, and ICP-AES Analytical Results

Sample Number (and footage, if applicable)	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
07-OUT-SKH-2	2.5	0.01	43	<10	<10	<0.5	<2	0.06	0.8	17	<1	52	18.9	<10	<1	0.01	<10
07-OUT-SKH-2	2.4	0.02	31	<10	<10	<0.5	4	0.08	<0.5	17	<1	51	17.8	<10	<1	0.01	<10
07-OUT-SKH-3	<0.2	0.04	<2	<10	<10	<0.5	<2	19.2	<0.5	2	2	8	0.28	<10	<1	0.02	<10
07-OUT-SKH-3	<0.2	0.04	3	10	<10	<0.5	<2	19.6	<0.5	1	3	11	0.3	<10	<1	0.03	<10
JUL-6-2007 (Foster Quarry)	<0.2	0.05	<2	<10	<10	<0.5	<2	18.2	<0.5	1	3	9	0.37	<10	<1	0.02	10
Peotter's Pit	0.3	0.06	3	<10	<10	<0.5	<2	0.07	<0.5	<1	5	12	0.37	<10	<1	0.04	<10
07-NL-45-2 (30' ABOVE BASE)	<0.2	0.58	3	10	10	0.6	<2	14.7	<0.5	4	25	9	1.13	<10	<1	0.1	10
07-NL-45E.1 @ (10' ABOVE BASE)	<0.2	0.19	2	<10	<10	<0.5	<2	18.3	<0.5	2	3	6	0.33	<10	<1	0.01	<10
07-NL-45E.2 @ (10'-15' ABOVE BASE)	<0.2	0.2	2	<10	<10	<0.5	<2	18.2	<0.5	2	3	13	0.4	<10	<1	0.01	<10
07-SH-29/231-1	<0.2	0.03	<2	10	<10	<0.5	<2	18.6	<0.5	<1	5	3	0.19	<10	<1	0.01	<10
07-SH-29/231-2	<0.2	0.04	<2	10	<10	<0.5	<2	18	<0.5	1	3	2	0.42	<10	<1	0.01	<10
07-SH-29/231-3	<0.2	0.46	16	10	60	0.6	<2	16.6	<0.5	8	16	14	2.98	<10	<1	0.02	<10
07-SH-29/231-4	<0.2	0.32	4	<10	10	<0.5	<2	13.65	<0.5	3	16	2	0.62	<10	<1	0.08	10
07-SH-Mck-0.1 Lower Platteville	<0.2	0.1	10	10	<10	<0.5	<2	16.9	<0.5	1	6	3	0.63	<10	<1	0.07	<10
07-SH-Mck-0.2	<0.2	0.04	3	<10	<10	<0.5	<2	16.1	<0.5	<1	2	3	5.53	<10	<1	0.03	<10
07-SH-MCK-1	1.2	0.35	17	<10	20	0.6	<2	2.97	<0.5	9	19	20	1.71	<10	<1	0.23	<10
07-SH-MCK-2	0.4	0.1	7	<10	<10	<0.5	<2	7.68	<0.5	3	7	5	0.62	<10	<1	0.07	<10
07-SH-Mck-3	<0.2	0.05	6	10	<10	<0.5	<2	18.3	<0.5	1	3	2	0.51	<10	<1	0.04	10
07-SH-Mck-4	0.8	0.06	139	<10	<10	<0.5	<2	10.25	<0.5	8	5	17	2.39	<10	<1	0.04	<10
96-SH-1	<0.2	0.06	<2	<10	<10	<0.5	<2	14.4	<0.5	<1	6	3	0.4	<10	<1	0.04	<10
96-SH-2	<0.2	0.04	3	<10	10	<0.5	<2	16.4	<0.5	4	4	11	0.48	<10	1	0.02	10
UWGB-2008-24-B-10 @ 29.5 ft	<0.2	0.04	<2	10	<10	<0.5	<2	15.4	<0.5	<1	7	4	0.7	<10	<1	0.02	<10
UWGB-2008-24-B-11 @ 15 ft	<0.2	0.02	<2	<10	<10	<0.5	<2	17.9	<0.5	<1	2	2	0.72	<10	<1	<0.01	<10
UWGB-2008-24-B-2-3 @ 14.5 ft	0.2	0.03	<2	10	<10	<0.5	<2	17.7	<0.5	<1	4	2	0.46	<10	<1	0.01	<10
UWGB-2008-24-B-22 @ 13.3-14 ft	<0.2	0.03	<2	10	10	<0.5	<2	18.1	<0.5	1	3	2	0.31	<10	<1	0.02	<10
UWGB-2008-24-B-23 @ 33 ft	<0.2	0.03	<2	<10	<10	<0.5	<2	18.8	<0.5	1	3	3	0.36	<10	<1	<0.01	<10
UWGB-2008-24-B-4 @ 16 ft	0.2	0.04	<2	10	10	<0.5	<2	17.7	<0.5	<1	3	4	0.39	<10	<1	0.03	<10
UWGB-2008-24-B-6 @ 17 ft	<0.2	0.08	<2	<10	<10	<0.5	<2	17.7	<0.5	1	5	3	0.32	<10	<1	0.03	<10
UWGB-2008-24-B-9-3 @ 11.5-11.8 ft	0.2	0.28	<2	<10	10	<0.5	<2	17.5	<0.5	1	4	1	0.52	<10	1	0.01	<10
08-WPC-Guhl-1	<0.2	0.04	<2	<10	<10	<0.5	<2	11.35	<0.5	3	3	1	0.36	<10	<1	<0.01	10
07-WIN-BCQ-1	0.4	0.09	9	<10	<10	<0.5	<2	18.4	<0.5	1	5	5	0.53	<10	1	0.06	<10
07-WIN-BCQ-1	<0.2	0.08	5	<10	<10	<0.5	2	16.6	<0.5	1	7	5	0.51	<10	1	0.06	10
07-WIN-LQ-1	<0.2	0.02	4	<10	<10	<0.5	<2	15	<0.5	1	2	2	0.52	<10	<1	0.01	<10
07-WIN-LQ-2	<0.2	0.13	<2	10	10	0.5	<2	12.55	<0.5	3	7	65	0.48	<10	<1	0.11	<10
96-WIN-8.1	<0.2	0.04	<2	<10	<10	<0.5	<2	20.5	<0.5	<1	1	<1	0.43	<10	<1	0.02	<10
96-WIN-8.2	0.4	0.07	495	<10	20	<0.5	<2	15.2	<0.5	133	<1	5	16.8	<10	<1	0.05	<10
96-WIN-9.1	<0.2	0.01	26	<10	<10	<0.5	<2	17.1	<0.5	1	<1	1	4.89	<10	<1	0.01	<10
97b-WIN-5 (FZS)	0.5	0.02	43	<10	<10	<0.5	<2	3.49	0.6	4	<1	2	28.2	<10	<1	0.02	<10
UWGB-2007-15 @ 33 feet	<0.2	0.08	9	<10	<10	<0.5	<2	17.3	<0.5	1	2	3	0.32	<10	<1	0.05	<10
UWGB-2008-23 B-1 @ 15.3-16 feet	<0.2	0.05	<2	<10	<10	<0.5	<2	18.5	0.6	<1	1	1	0.36	<10	<1	0.04	<10
UWGB-2008-23 B-1 @ 20.5-21 feet	<0.2	0.02	<2	<10	<10	<0.5	<2	19.8	<0.5	<1	1	<1	0.48	<10	<1	0.01	<10
UWGB-2008-23 B-1 @ 31.5-32 feet	<0.2	0.05	<2	<10	<10	<0.5	<2	19	<0.5	1	2	1	0.38	<10	<1	0.03	<10

APPENDIX B1

Table Showing Sample Numbers, Locations, and ICP-AES Analytical Results

Sample Number (and footage, if applicable)	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
07-OUT-SKH-2	0.02	99	2	<0.01	44	110	378	20.8	2	<1	5	<20	<0.01	10	<10	1	<10	2
07-OUT-SKH-2	0.05	34	1	0.02	59	20	329	19.3	<2	<1	4	<20	<0.01	<10	<10	1	<10	2
07-OUT-SKH-3	11.25	428	<1	0.06	2	70	3	<0.01	<2	<1	110	<20	<0.01	<10	<10	9	<10	39
07-OUT-SKH-3	11.9	470	<1	0.05	4	100	6	<0.01	<2	<1	127	<20	<0.01	<10	<10	8	<10	2
JUL-6-2007 (Foster Quarry)	11.25	550	<1	0.04	3	40	<2	<0.01	<2	1	90	<20	<0.01	<10	<10	11	<10	<2
Peotter's Pit	0.05	18	<1	<0.01	5	30	3	0.02	<2	<1	10	<20	<0.01	<10	<10	3	<10	33
07-NL-45-2 (30' ABOVE BASE)	9.3	287	<1	0.06	9	230	5	0.04	2	3	94	<20	0.02	<10	<10	30	<10	13
07-NL-45E.1 @ (10' ABOVE BASE)	11.05	488	<1	0.06	<1	70	4	<0.01	<2	<1	91	<20	<0.01	<10	<10	9	<10	7
07-NL-45E.2 @ (10'-15' ABOVE BASE)	11.05	670	<1	0.06	1	30	30	<0.01	<2	<1	90	<20	<0.01	<10	<10	18	<10	7
07-SH-29/231-1	11.7	499	<1	0.04	<1	40	<2	<0.01	2	<1	111	<20	<0.01	<10	<10	14	<10	6
07-SH-29/231-2	11.1	528	<1	0.04	<1	60	2	<0.01	2	<1	106	<20	<0.01	<10	<10	12	<10	11
07-SH-29/231-3	10.85	317	1	0.04	17	240	13	<0.01	<2	1	330	<20	0.01	<10	<10	46	<10	244
07-SH-29/231-4	9.02	291	<1	0.04	7	230	3	0.06	<2	2	83	<20	0.01	<10	<10	19	<10	4
07-SH-Mck-0.1 Lower Platteville	10.4	564	<1	0.04	6	150	12	0.49	<2	1	49	<20	<0.01	<10	<10	5	<10	2
07-SH-Mck-0.2	9.75	414	1	0.04	4	120	327	7.7	<2	<1	47	<20	<0.01	<10	<10	3	<10	<2
07-SH-MCK-1	1.7	377	<1	0.01	52	140	27	1.08	<2	3	14	<20	0.01	<10	<10	19	<10	8
07-SH-MCK-2	4.75	365	<1	0.02	4	300	4	0.26	2	1	26	<20	<0.01	<10	10	6	<10	39
07-SH-Mck-3	11.2	668	<1	0.04	1	80	5	<0.01	<2	<1	53	<20	<0.01	<10	<10	2	<10	<2
07-SH-Mck-4	6.37	925	1	0.02	47	250	31	2.05	<2	2	29	<20	<0.01	<10	<10	9	<10	2
96-SH-1	9.01	319	<1	0.03	2	30	4	0.13	<2	1	53	<20	<0.01	<10	<10	5	<10	2
96-SH-2	9.74	735	<1	0.03	6	90	<2	0.04	<2	<1	72	<20	<0.01	<10	<10	6	<10	67
UWGB-2008-24-B-10 @ 29.5 ft	9.67	649	<1	0.03	1	70	<2	0.03	<2	1	81	<20	0.01	<10	<10	7	<10	<2
UWGB-2008-24-B-11 @ 15 ft	11.35	650	<1	0.02	2	40	2	<0.01	<2	<1	72	<20	<0.01	<10	<10	7	<10	<2
UWGB-2008-24-B-2-3 @ 14.5 ft	11	652	<1	0.04	2	50	<2	0.03	<2	<1	103	<20	<0.01	<10	10	6	<10	21
UWGB-2008-24-B-22 @ 13.3-14 ft	11.3	531	<1	0.05	2	30	<2	<0.01	<2	<1	111	<20	<0.01	<10	<10	9	<10	3
UWGB-2008-24-B-23 @ 33 ft	12.25	461	<1	0.03	9	30	<2	<0.01	<2	<1	53	<20	<0.01	<10	<10	6	<10	2
UWGB-2008-24-B-4 @ 16 ft	11.1	461	<1	0.05	1	60	5	<0.01	<2	<1	96	<20	<0.01	<10	<10	7	<10	26
UWGB-2008-24-B-6 @ 17 ft	11.2	232	<1	0.06	3	80	<2	<0.01	<2	1	98	<20	<0.01	<10	<10	9	<10	2
UWGB-2008-24-B-9-3 @ 11.5-11.8 ft	11.6	457	<1	0.04	4	80	<2	<0.01	<2	1	106	<20	<0.01	<10	<10	8	<10	4
08-WPC-Guhl-1	7.23	654	<1	0.02	4	170	<2	0.01	<2	<1	49	<20	<0.01	<10	<10	2	<10	<2
07-WIN-BCQ-1	10.8	334	<1	0.06	2	70	12	<0.01	<2	1	74	<20	<0.01	<10	<10	8	<10	2
07-WIN-BCQ-1	10.25	293	<1	0.03	9	60	4	<0.01	3	1	60	<20	<0.01	<10	<10	6	<10	<2
07-WIN-LQ-1	8.83	811	<1	0.04	<1	20	<2	0.05	<2	<1	49	<20	<0.01	<10	<10	10	<10	6
07-WIN-LQ-2	7.79	753	<1	0.03	5	100	3	0.06	<2	1	59	<20	<0.01	<10	<10	17	<10	7
96-WIN-8.1	12.65	461	<1	0.03	1	90	2	<0.01	<2	<1	44	<20	<0.01	<10	<10	1	<10	<2
96-WIN-8.2	4.66	591	<1	0.02	1110	240	511	16.2	11	1	92	<20	<0.01	<10	<10	8	<10	6
96-WIN-9.1	9.62	605	1	0.03	26	120	20	6.7	<2	<1	47	<20	<0.01	<10	<10	1	<10	<2
97b-WIN-5 (FZS)	0.04	54	1	0.01	34	20	584	41.8	4	<1	18	<20	<0.01	10	<10	1	<10	3
UWGB-2007-15 @ 33 feet	11.7	172	<1	0.03	<1	40	17	<0.01	3	1	51	<20	<0.01	<10	20	5	<10	<2
UWGB-2008-23 B-1 @ 15.3-16 feet	12.1	266	<1	0.03	<1	40	5	<0.01	2	<1	37	<20	<0.01	<10	<10	5	<10	188
UWGB-2008-23 B-1 @ 20.5-21 feet	12.9	360	<1	0.03	<1	20	6	<0.01	<2	<1	40	<20	<0.01	<10	<10	3	<10	5
UWGB-2008-23 B-1 @ 31.5-32 feet	12.4	308	1	0.03	<1	60	5	<0.01	<2	1	57	<20	<0.01	<10	<10	5	<10	5

